



High Pressure, Earth-Storable Rocket Technology

Volume 3—Appendices C and D

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APPENDIX C

TASK 4 – TEST DATA PACKAGE

C1 Test Data Measurements – Performance Summaries

HIPC286 DEFINITION OF PERFORMANCE SUMMARY TABULATIONS
9-27-94

The performance summaries (Job #14) are measured and calculated test parameters averaged over a stated time interval.
The heading provides comments on configuration and any special data processing applied.
The file under which the data are archived is listed, as are the test number, test date, clock time (24 hour) and test duration.
The date and time of printing of the computer output are listed in the upper right corner.
Data for two half-sec tests (-101 and -120) are omitted.

LINE No. PARAMETER UNITS DEFINITION

RUN.DATA-PT This column heading has as its first three digits the test number; the last digits are the time interval sequence

0	START TIME	SEC	Time for start of data average
1	STOP TIME	SEC	Time for end of data average
2	TIME OF DAY	HR:SEC	Clock time (24 hour)
4	FMO-1	LBM/SEC [W]	Oxidizer flow meter #1, water flow equivalent
5	FMO-2	LBM/SEC [W]	Oxidizer flow meter #2, water flow equivalent
6	FMF-1	LBM/SEC [W]	Fuel flow meter #1, water flow equivalent
7	FMF-2	LBM/SEC [W]	Fuel flow meter #2, water flow equivalent
8	FMNW-1	LBM/SEC [W]	Copper nozzle flow meter #1, water flow equivalent
9	POTR	PSIA	Oxidizer regulator pressure
10	PFTR	PSIA	Fuel regulator pressure
11	FMNW-2	LBM/SEC [W]	Copper nozzle flow meter #2, water flow equivalent
12	POVI	PSIA	Thruster valve oxidizer inlet static pressure
15	PC-1	PSIA	Chamber static pressure
16	PFVI	PSIA	Thruster valve fuel inlet static pressure
17	POJ	PSIA	Injector oxidizer manifold inlet static pressure
18	PFJ	PSIA	Injector fuel manifold inlet static pressure
19	FCAL-A	LBF	Force stand calibration load cell, "A" bridge output
20	FCAL-B	LBF	Force stand calibration load cell, "B" bridge output

21	FA	LBF	Force stand measurement load cell, "A" bridge output
22	FB	LBF	Force stand measurement load cell, "B" bridge output
27	POL-1	PSIA	Oxidizer line pressure
29	PHE	PSIA	Helium supply pressure to helium bleed PCB high frequency transducer (in chamber)
30	TJB-3	DEG F	Injector body (exterior) temperature
31	TCN-1	DEG F	Copper chamber/nozzle exterior temperature
35	TCCELL	DEG F	Test chamber ambient temperature
38	TC-4	DEG F	TC-4 is a tungsten 5%Re/tungsten 26%Re thermocouple on rhenium chamber 0.5 in. upstream
39	TC-5	DEG F	TC-5 is a tungsten 5%Re/tungsten 26%Re thermocouple on rhenium chamber at throat
40	TC-6	DEG F	TC-6 is a tungsten 5%Re/tungsten 26%Re thermocouple on rhenium chamber 0.5 in. downstream
46	TC-1	DEG F	TC-1 is a tungsten 5%Re/tungsten 26%Re thermocouple on rhenium chamber 1.5 in. upstream
47	TC-2	DEG F	TC-2 is a tungsten 5%Re/tungsten 26%Re thermocouple on rhenium chamber 1.0 in. upstream
48	TC-3	DEG F	TC-3 is a tungsten 5%Re/tungsten 26%Re thermocouple on rhenium chamber 0.75 in. upstream
50	TOV	DEG F	Temperature of the oxidizer at the valve
52	WOPDFM	LBM/SEC [P]	Oxidizer propellant flow rate measured by Positive Displacement Flowmeter (PDFM)
53	WFPDFM	LBM/SEC [P]	Fuel propellant flow rate measured by Positive Displacement Flowmeter (PDFM)
54	POTS	PSIA	Oxidizer storage tank pressure
55	PFL	PSIA	Fuel line pressure
56	VTCV	VOLTS	Valve actuation voltage
57	TFVI	DEG F	Fuel temperature at valve inlet
58	WOPDFM	LBM [W]	Oxidizer PDFM total displacement, pounds of water
59	WFPDFM	LBM [W]	Fuel PDFM total displacement, pounds of water
68	TJB-1	DEG F	Injector body temperature at 0 deg
69	TJB-2	DEG F	Injector body temperature at 120 deg
73	FMTW-1	LBM/SEC [W]	Front end heat flux sensor water flow, meter #1
74	FMTW-2	LBM/SEC [W]	Front end heat flux sensor water flow, meter #2
75	PHU	PSIA	Hydrogen shroud metering orifice inlet pressure
76	PVHE	PSIA	MOOG propellant valve actuation helium pressure
77	TOFM	DEG F	Temperature of oxidizer at flowmeters
78	TFFM	DEG F	Temperature of fuel at flowmeters
79	TTFB-1	DEG F	Temperature of trip housing outer ring, at 0 deg
80	TNWI	DEG F	Inlet temperature of nozzle cooling water (copper chamber)

81	TNWO	DEG F	Outlet temperature of nozzle cooling water (copper chamber)
82	TTWI	DEG F	Front end heat flux sensor water temperature in
83	TTWO	DEG F	Front end heat flux sensor water temperature out
84	TH-1	DEG F	Trip sleeve temperature, throat end, 0 deg
85	TH-2	DEG F	Trip sleeve temperature, injector end, 0 deg
86	TH-3	DEG F	Trip sleeve temperature, throat end, 120 deg
87	TH-4	DEG F	Trip sleeve temperature, injector end, 120 deg
88	TH-5	DEG F	Trip sleeve temperature, throat end, 240 deg
89	TH-6	DEG F	Trip sleeve temperature, injector end, 240 deg
90	WO TURB FM	LBM/SEC [P]	Oxidizer flow rate based on turbine FM, propellant [instantaneous parameters, averaged]
91	WF TURB FM	LBM/SEC [P]	Fuel flow rate based on turbine FM, propellant [instantaneous parameters, averaged]
92	MR TURB FM	--	Mixture ratio, oxidizer flow rate/fuel flow rate [instantaneous MR, averaged]
93	FADJ	LBF	Thrust adjustment for thermal offset [run -102 only]
94	PVAC-2	PSIA	Test cell ambient pressure
95	PVAC-2	PSIA	Test cell ambient pressure
96	PYROHI	deg f	Two-color pyrometer reading 0.5 in. upstream of throat [set to grey body; min.=2563oF]
97	TTFB-2	DEG F	Temperature of trip housing outer ring, at 120 deg
98	TTFB-3	DEG F	Temperature of trip housing outer ring, at 240 deg
99	MIDPT	SEC	Midpoint of time interval over which data are averaged
100	AT	IN ^ 2	Measured nozzle throat area [cold]
101	AE	IN ^ 2	Measured nozzle exit area
102	PA	PSIA	Ambient test cell pressure
103	NO CONTENT	PERCENT	Nitric oxide concentration of oxidizer, percent [for SGO calcs.]
104	F ZERO	LBF	Pre-test zero offset of thrust measurement
105	WO	LBM/SEC [P]	Oxidizer flow rate based on turbine FM, propellant [calculated from averaged parameters]
106	WF	LBM/SEC [P]	Fuel flow rate based on turbine FM, propellant [calculated from averaged parameters]
107	WT	LBM/SEC [P]	Total propellant flow rate based on turbine FM, propellant [calculated from averaged parameters]
108	MR	--	Mixture ratio, oxidizer flow rate/fuel flow rate [calculated from averaged parameters]
109	F SL	LBF	Measured thrust at cell conditions
110	F VAC	LBF	Vacuum thrust calculated for zero back pressure
111	ISP VAC	LBF-SEC/LBM	Vacuum specific impulse calculated from F vac, and total propellant flow, WT
112	C STAR	FT/SEC	Characteristic exhaust velocity, calculated from C*=(PC-1)*AT*g/WT

113	CF	--	Nozzle thrust coefficient, $C_f = (ISP \text{ VAC})/C^*$
114	%DIFF F	PERCENT	Difference between redundant thrust load cell readings, FA-FB
115	%DIFF FMO	PERCENT	Difference between redundant oxidizer turbine flowmeter readings
116	%DIFF FMF	PERCENT	Difference between redundant fuel turbine flowmeter readings
119	%DIFF FMO PD	PERCENT	Difference between oxidizer PDFM and average of oxidizer turbine flowmeter readings
120	%DIFF FMF PD	PERCENT	Difference between fuel PDFM and average of fuel turbine flowmeter readings
121	SGO	GM/CM ^ 3	Specific gravity of oxidizer at flowmeter temperature
122	SGF	GM/CM ^ 3	Specific gravity of fuel at flowmeter temperature
123	SGOJ	GM/CM ^ 3	Specific gravity of oxidizer at injector inlet temperature and pressure
124	SGFRI	GM/CM ^ 3	Specific gravity of fuel at valve inlet temperature
125	SGFJ	GM/CM ^ 3	Specific gravity of fuel at injector inlet temperature
126	AVSGF	GM/CM ^ 3	Average specific gravity of fuel
127	AVSGO	GM/CM ^ 3	Average specific gravity of oxidizer
129	ROVJ		Hydraulic resistance of oxidizer circuit, valve to injector
130	ROJ		Hydraulic resistance of oxidizer circuit, injector to chamber
132	RFRV		Hydraulic resistance of fuel circuit, system to valve
133	RFVJ		Hydraulic resistance of fuel circuit, valve to injector
134	RFJ		Hydraulic resistance of fuel circuit, injector to chamber
136	KOVJ		Hydraulic conductance of oxidizer circuit, valve to injector
137	KOJ		Hydraulic conductance of oxidizer circuit, injector to chamber
140	KFVJ		Hydraulic conductance of fuel circuit, valve to injector
141	KFJ		Hydraulic conductance of fuel circuit, injector to chamber
142	WO PD	LBM/SEC [P]	Oxidizer flow rate, based on PDFM
143	WF PD	LBM/SEC [P]	Fuel flow rate, based on PDFM
144	WT PD	LBM/SEC [P]	Total propellant flow rate, based on PDFM
145	MR PD	--	Mixture ratio, based on PDFM flows
146	ISP PD	LBF-SEC/LBM	Vacuum specific impulse, based on PDFM flows
147	CSTAR PD	FT/SEC	Characteristic exhaust velocity, based on PDFM flows
149	ROVJ PD		Hydraulic resistance of oxidizer circuit, valve to injector (PDFM)
150	ROJ PD		Hydraulic resistance of oxidizer circuit, injector to chamber (PDFM)
152	RFRV PD		Hydraulic resistance of fuel circuit, system to valve (PDFM)
153	RVFJ RD		Hydraulic resistance of fuel circuit, valve to injector (PDFM)

154	RFJ PD		Hydraulic resistance of fuel circuit, injector to chamber (PDFM)	
156	KOVJ PD		Hydraulic conductance of oxidizer circuit, valve to injector (PDFM)	
157	KOJ PD		Hydraulic conductance of oxidizer circuit, injector to chamber (PDFM)	
160	KFVJ PD		Hydraulic conductance of fuel circuit, valve to injector (PDFM)	
161	KFJ PD		Hydraulic conductance of fuel circuit, injector to chamber (PDFM)	
162	POVIT	PSIA	Thruster valve oxidizer inlet static pressure	
163	POJT	PSIA	Injector oxidizer manifold inlet static pressure	
164	PFRIT	PSIA		
165	PFVIT	PSIA	Thruster valve fuel inlet static pressure	
166	PFJT	PSIA	Injector fuel manifold inlet static pressure	
173	WCOOL TRIP	LBM/SEC [W]	Front end heat flux sensor water flow rate	
174	DT TRIP	DEG F	Front end heat flux sensor water temperature rise	
175	QTW	BTU/SEC	Front end heat transfer	
176	WCOOL NOZ	LBM/SEC [W]	Nozzle heat flux water flow rate	
177	DT NOZ	DEG F	Nozzle heat flux water temperature rise	
178	QNW	BTU/SEC	Nozzle heat transfer	

100 LB ENGINE PERFORMANCE JOB J10 100LB A THRUST ADJUSTED FOR THERMAL CHANGE
TEST NO. LX01-D02-0A-102 DATE 09-20-94 0157 HOURS DURATION 15.002 SECONDS
CONFIG: A CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.75"

J0014
09-23-94
12:20:25

RUN DATA-PT

0 START TIME
1 STOP TIME
2 TIME OF DAY
3 FMO-1
4 FMO-2
5 FME-1
6 FME-2
7 FME-3
8 FME-4
9 FME-5
10 FME-6
11 FME-7
12 FME-8
13 FME-9
14 FME-10
15 FME-11
16 FME-12
17 FME-13
18 FME-14
19 FME-15
20 FME-16
21 FME-17
22 FME-18
23 FME-19
24 FME-20
25 FME-21
26 FME-22
27 FME-23
28 FME-24
29 FME-25
30 FME-26
31 FME-27
32 FME-28
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34 FME-30
35 FME-31
36 FME-32
37 FME-33
38 FME-34
39 FME-35
40 FME-36
41 FME-37
42 FME-38
43 FME-39
44 FME-40
45 FME-41
46 FME-42
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73 FME-69
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75 FME-71
76 FME-72
77 FME-73
78 FME-74
79 FME-75
80 FME-76
81 FME-77
82 FME-78
83 FME-79
84 FME-80
85 FME-81

202.001 202.002 202.003 202.004 202.005 202.006 202.007 202.008 202.009 202.010 202.011 202.012 202.013
-50000 500000 1.00000 2.00000 3.00000 4.00000 5.00000 6.00000 7.00000 8.00000 9.00000 10.0000 11.0000
-05000 1.00000 2.00000 3.00000 4.00000 5.00000 6.00000 7.00000 8.00000 9.00000 10.0000 11.0000 12.0000
1.57000 1.57000 1.57000 1.57000 1.57000 1.57000 1.57000 1.57000 1.57000 1.57000 1.57000 1.57000 1.57000
0.19111 0.96202 0.95512 0.95637 0.95582 0.95352 0.95448 0.95204 0.95311 0.95153 0.95240 0.95172 0.95172
0.00460 0.96299 0.95560 0.95662 0.95604 0.95337 0.95443 0.95207 0.95292 0.95174 0.95245 0.95226 0.95159
0.00490 0.16186 0.16082 0.16048 0.16076 0.16088 0.16061 0.16103 0.16078 0.16105 0.16076 0.16107 0.16107
0.00209 0.16185 0.16091 0.16048 0.16051 0.16087 0.16069 0.16106 0.16089 0.16105 0.16086 0.16107 0.16107
0.98971 0.98956 0.99579 0.10076 0.10075 0.10092 0.10187 0.10201 0.10285 0.10287 0.10277 0.10277 0.10277
226.534 226.553 226.427 226.541 226.516 226.469 226.502 226.510 226.527 226.505 226.535 226.550 226.523
251.385 251.364 251.412 251.311 251.358 251.389 251.326 251.395 251.340 251.423 251.339 251.361 251.388
-0.0013 -0.0012 -0.0008 -0.0011 -0.0010 -0.0009 -0.0011 -0.0009 -0.0010 -0.0010 -0.0010 -0.0009 -0.0009
319.678 311.977 311.872 312.145 311.868 311.147 311.104 310.573 310.567 310.405 310.395 310.334 310.166
14.6455 249.510 249.781 249.755 249.389 249.003 248.807 248.617 248.497 248.426 248.349 248.325 248.135
361.561 349.823 349.196 348.826 348.573 348.452 348.354 348.247 348.254 348.268 348.144 348.079 348.052
14.3390 308.500 308.368 308.682 308.307 307.571 307.048 307.041 306.827 306.824 306.779 306.568
14.6452 343.906 343.283 342.880 342.630 342.557 342.400 342.320 342.174 342.236 342.075 342.054 342.010
0.23572 1.14355 -0.38566 -0.37457 -0.37724 -0.38704 -0.37460 -0.38169 -0.38587 -0.37782 -0.38023 -0.37293
-0.00312 -0.00200 -0.00968 -0.01465 -0.00194 -0.00095 -0.02473 -0.00119 -0.00510 -0.00333 -0.00570 -0.01991
-0.03699 66.1876 66.8619 67.3649 67.6381 67.8187 68.0402 68.0712 68.1276 68.4119 68.6904 69.0451 69.2524
0.19888 66.2818 66.9404 67.4498 67.7190 67.9133 68.1297 68.1560 68.2049 68.4738 68.7642 69.1108 69.3143
319.602 313.190 313.084 313.285 313.050 313.332 312.234 311.739 311.699 311.576 311.532 311.492 311.317
1007.62 1007.62 1007.60 1007.64 1007.62 1007.63 1007.67 1007.60 1007.64 1007.64 1007.59 1007.63 1007.57
71.6560 71.7011 71.6200 71.7500 71.7321 71.6416 71.8237 71.6965 71.7420 71.7322 71.8030 71.9050 71.9024
76.7161 78.2936 79.8429 129.405 168.052 202.874 233.367 260.091 284.064 305.798 335.635 344.820 364.329
69.9088 69.9749 70.0221 70.0092 69.9405 69.9508 69.9118 70.0634 69.9156 69.9013 69.8758 69.8760 69.8050
132.652 132.852 133.006 134.488 132.595 132.916 132.573 132.814 132.449 132.882 132.738 132.617 132.727
1399.55 1397.89 1398.16 1399.73 1400.94 1402.22 1404.14 1405.55 1407.01 1406.27 1404.13 1404.27 1399.93
69.3889 70.0182 69.5748 69.5391 69.4268 69.3395 69.3371 69.3527 69.2224 69.2148 69.2926 69.1763
247377 127107 137988 136683 137799 137325 137614 136311 136193 136193 136193 136193 136193
0.00000 0.148566 0.162559 0.161794 0.161424 0.161549 0.161496 0.161708 0.161193 0.162789 0.162035 0.161366 0.162628
59.3539 59.2437 59.1976 59.2471 59.2115 59.1942 59.2042 59.2147 59.2144 59.1631 59.2141 59.1691 59.2338
363.052 355.174 354.469 354.214 353.900 353.728 353.715 353.576 353.625 353.590 353.539 353.428 353.441
0.18354 30.1642 30.2171 30.2710 30.3143 30.3499 30.3774 30.4027 30.4226 30.4416 30.4571 30.4706 30.4831
69.7585 70.8125 70.2081 70.6105 72.3870 73.5938 74.3751 74.6152 74.8991 75.0953 75.2795 75.3313 75.4006
-0.0070 0.89026 0.15922 0.254951 0.350588 0.445984 0.541698 0.637837 0.733161 0.828740 0.923963 1.02041 1.11610
0.00220 0.138874 0.258287 0.419134 0.579649 0.739943 0.900989 1.06256 1.22327 1.38445 1.54479 1.70632 1.86832
71.0157 71.1629 71.1858 71.3200 71.3548 71.3635 71.4239 71.4479 71.4809 71.5196 71.6746 71.7187 71.8837
72.0905 72.1404 72.1477 72.2348 72.6573 72.9627 73.3576 73.7439 74.0119 74.3278 74.4980 74.7680 74.9423
1.00526 1.00972 1.01326 1.01557 1.01555 1.01584 1.01971 1.02662 1.04004 1.04312 1.03314 1.02391 1.02992
0.96805 1.00023 1.00204 1.00543 1.00543 1.00805 1.01502 1.02146 1.02310 1.03881 1.03257 1.02279 1.02835
14.3811 14.3681 14.3703 14.3483 14.3741 14.3870 14.3725 14.3612 14.3676 14.3764 14.3709 14.3746 14.3667
1452.71 1452.74 1452.64 1452.65 1452.65 1452.48 1452.56 1452.39 1452.40 1452.31 1452.24 1452.24 1452.27
71.9718 71.9613 71.8446 71.8527 72.6092 73.0906 73.3067 73.4631 73.5343 73.6739 73.7034 73.8242 73.8642
70.9530 71.6448 73.2123 74.0616 74.2882 74.4670 74.5668 74.7091 74.7297 74.7442 74.7775 74.8622 74.8691
72.3591 72.6257 72.8336 73.4066 75.0401 78.2977 83.4695 90.7069 99.7893 110.908 123.632 138.804 156.058
73.2824 73.3842 73.3393 73.3464 73.3998 73.3871 73.3731 73.4034 73.3945 73.3882 73.3926 73.4194 73.3151
73.6179 87.2315 114.099 142.019 159.990 174.310 185.173 195.102 203.196 207.785 208.476 208.005 208.174
73.7562 73.8194 73.8864 73.8946 73.8837 73.9001 73.8124 73.8436 73.8969 78.871 73.9067 73.8906
73.8504 74.7386 76.0434 77.0856 77.6100 78.0215 78.3162 78.5196 78.6787 78.8202 78.9694 79.1498 79.3204
74.8228 348.658 938.207 1257.05 1243.25 1308.39 1387.26 1452.81 1508.33 1564.52 1652.24 1746.95 1801.74
73.1571 261.030 317.597 336.202 341.139 344.569 346.606 348.813 352.173 372.724 639.017 1117.69 1249.36

RUN DATA-PT

86 TH-3	DEG F	71.8303	377.959	796.679	1133.29	1149.61	1227.37	1289.99	1352.18	1398.99	1433.27	1461.16	1490.01	1516.89
87 TH-4	DEG F	72.6657	259.874	308.087	324.464	331.036	335.537	338.671	340.111	341.542	342.641	343.272	344.484	346.883
88 TH-5	DEG F	71.6021	321.404	831.069	1234.95	1260.41	1420.70	1506.94	1574.88	1618.35	1649.33	1674.14	1689.04	1702.62
89 TH-6	DEG F	73.2461	273.402	329.181	350.512	381.994	477.651	702.452	959.808	1099.23	1185.32	1327.96	1459.91	1499.10
90 WD TURB FM	LB/SEC-P	.247377	.138551	.137536	.137700	.137526	.137101	.137224	.136848	.136987	.136766	.136872	.136857	.136745
91 WF TURB FM	LB/SEC-P	.247377	.162991	.161867	.161398	.161400	.161771	.161544	.161894	.161664	.161907	.161688	.161901	.161946
92 MR TURB FM	LBS	-.24907	.850046	.849682	.853175	.852088	.847500	.849451	.845293	.847363	.847118	.846525	.845314	.844388
93 FADJ	LBS	-.00855	.66.2347	.66.9011	.67.1029	.67.0321	.66.9114	.66.8605	.66.6526	.66.4931	.66.5774	.66.6863	.66.8671	.66.9000
99 MIDPT			.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000
100 AT	SG.IN.	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560
101 AE	SG.IN.	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670
102 PA	PSIA	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.00855	-.00855	-.00855	-.00855	-.00855	-.00855	-.00855	-.00855	-.00855	-.00855	-.00855	-.00855	-.00855
105 WD	LB/SEC-P	.138590	.137363	.137419	.137309	.137309	.136929	.137061	.136698	.136834	.136633	.136742	.136726	.136620
106 WF	LB/SEC-P	.162987	.161868	.161391	.161405	.161773	.161405	.161896	.161663	.161910	.161687	.161903	.161903	.161942
107 WT	LB/SEC-P	.301577	.299231	.298810	.298810	.298702	.298604	.298594	.298429	.298429	.298429	.298429	.298429	.298562
108 MR	LBS	.850316	.848617	.851468	.850711	.846428	.848447	.844356	.846412	.843880	.845720	.844495	.843333	.843333
109 F SL	LBS	.66.2433	.66.9097	.67.1114	.67.0407	.66.9199	.66.8690	.66.6612	.66.5017	.66.3860	.66.2948	.66.2048	.66.1148	.66.0248
110 F VAC	LBS	.71.3962	.72.0626	.72.2643	.72.1936	.72.0728	.72.0219	.71.8141	.71.6546	.71.5046	.71.3546	.71.2046	.71.0546	.70.9046
111 ISF VAC	SECS	236.742	240.826	241.840	241.840	241.840	241.840	241.840	241.840	241.840	241.840	241.840	241.840	241.840
112 C STAR	FT/SEC	5627.61	5677.90	5685.31	5678.80	5670.24	5667.61	5663.49	5662.60	5660.10	5656.52	5656.18	5653.59	5653.59
113 CF	PERCENT	1.35255	1.36369	1.36765	1.36832	1.36815	1.36826	1.36836	1.36836	1.36836	1.36836	1.36836	1.36836	1.36836
114 XDIF F	PERCENT	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
115 XDIF FMO	PERCENT	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
116 XDIF FMF	PERCENT	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
119 XDIF FMO PD %		-.00458	.054258	-.02011	.025248	-.00752	.052451	-.01497	.025730	.024552	.062036	.024913	-.00001	-.00001
120 XDIF FMO PD %		-.8.2859	.454530	-.53562	.356964	.289559	.428027	.669930	-.36504	1.08441	.470152	.621740	.628540	.628540
121 SGO		-8.8477	.427084	.249622	.011596	-.13834	-.02915	-.11638	-.29107	.543025	-.33146	.423713	.423713	.423713
122 SGF		1.43989	1.43782	1.43669	1.43639	1.43615	1.43602	1.43582	1.43579	1.43577	1.43573	1.43562	1.43561	1.43561
123 SGOJ		1.00698	1.00620	1.00577	1.00566	1.00557	1.00552	1.00545	1.00544	1.00543	1.00542	1.00538	1.00537	1.00537
125 SGFJ		1.00697	1.00619	1.00577	1.00566	1.00557	1.00552	1.00545	1.00544	1.00543	1.00542	1.00538	1.00537	1.00537
126 AVSGF		1.44094	1.44020	1.43966	1.43958	1.43952	1.43937	1.43933	1.43933	1.43933	1.43940	1.43938	1.43928	1.43935
127 AVSGO		250.207	257.167	253.682	261.604	264.335	264.562	261.427	260.900	265.732	264.785	263.550	267.380	267.380
129 ROVJ		4488.52	4539.39	4561.89	4568.90	4567.55	4569.28	4572.14	4571.86	4574.82	4573.21	4572.36	4576.73	4576.73
130 ROJ		-16.547	-16.752	-16.836	-16.830	-16.751	-16.796	-16.720	-16.769	-16.716	-16.762	-16.717	-16.708	-16.708
132 RFRV		198.489	201.382	203.969	203.800	200.818	203.753	201.683	208.216	205.673	207.710	205.364	205.929	205.929
133 RFVJ		3622.79	3635.41	3640.61	3644.05	3639.40	3650.97	3639.19	3648.51	3642.60	3649.27	3639.61	3642.69	3642.69
134 RFJ		.063219	.062358	.062785	.061827	.061507	.061480	.061848	.061910	.061345	.061454	.061598	.061156	.061156
136 KOVJ		.014926	.014842	.014806	.014794	.014796	.014794	.014789	.014789	.014785	.014785	.014787	.014789	.014782
137 KOJ		.070979	.070468	.070019	.070048	.070567	.070056	.070415	.069301	.069729	.069386	.069781	.069685	.069685
140 KVVJ		.016614	.016585	.016573	.016566	.016576	.016550	.016577	.016555	.016569	.016554	.016576	.016569	.016569
141 KFVJ		.127107	.137988	.136683	.137799	.137325	.137648	.137614	.136334	.138114	.137385	.137576	.137478	.137478
142 WD PD	LB/SEC	.148566	.162559	.161794	.161424	.161549	.161496	.161708	.161193	.162035	.162035	.161366	.162628	.162628
143 WF PD	LB/SEC	.275673	.300547	.298477	.299223	.298874	.299144	.299322	.297527	.300904	.299420	.298943	.300106	.300106
144 WT PD	LB/SEC	.855557	.848849	.844799	.850055	.852327	.851003	.845784	.848424	.847870	.852372	.845354	.845354	.845354
145 HR PD	SECS	258.988	339.772	342.110	341.270	341.148	340.760	339.923	340.834	338.411	339.956	340.945	340.120	340.120
146 ISP PD	FT/SEC	6156.42	5653.04	5691.65	5669.14	5666.96	5657.39	5649.72	5681.06	5615.69	5641.79	5650.25	5624.48	5624.48
147 CSTAR PD		297.459	254.845	256.422	259.746	262.811	262.511	257.959	262.815	260.061	262.313	260.303	264.050	264.050

100 LB ENGINE PERFORMANCE JOB J10-100LB-A THRUST ADJUSTED FOR THERMAL CHANGE
 TEST NO. LX01-D02-0A-102 DATE 09-20-94 0157 HOURS DURATION 15.002 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.75"

J0014
 09-23-94
 12:20:25

RUN, DATA-PT

	202.001	202.002	202.003	202.004	202.005	202.006	202.007	202.008	202.009	202.010	202.011	202.012	202.013
150 ROJ PD	5336.18	4498.41	4611.16	4536.45	4541.22	4530.41	4511.49	4605.42	4477.20	4530.51	4516.03	4519.74	
152 RFRV PD	-19.915	-16.610	-16.752	-16.826	-16.797	-16.806	-16.759	-16.867	-16.536	-16.690	-16.828	-16.567	
153 RFVJ PD	238.892	199.673	202.955	203.753	201.374	203.872	202.153	209.434	203.457	206.819	206.733	204.195	
154 RFJ PD	4360.22	3604.56	3622.50	3643.30	3649.49	3653.10	3647.68	3669.84	3603.36	3633.60	3663.85	3612.02	
156 KOVJ PD	.057981	.062842	.062449	.062048	.061685	.061744	.062262	.061684	.062010	.061743	.061981	.061540	
157 KOJ PD	.013689	.014910	.014726	.014637	.014839	.014857	.014888	.014736	.014945	.014857	.014881	.014875	
160 KFVJ PD	.064699	.070769	.070194	.070036	.070469	.070036	.070333	.069100	.070107	.069535	.069550	.069981	
161 KFJ PD	.015144	.016556	.016615	.016568	.016553	.016545	.016557	.016507	.016559	.016589	.016521	.016639	
162 FVIT	312.632	312.525	312.798	312.520	311.799	311.756	311.225	311.219	311.057	311.047	310.986	310.818	
163 PDJT	309.297	309.155	309.470	309.094	308.356	308.303	307.831	307.825	307.610	307.607	307.563	307.351	
164 FFRIT	349.883	349.255	348.885	348.632	348.511	348.413	348.307	348.313	348.328	348.203	348.138	348.112	
165 FVIT	350.319	349.691	349.321	349.068	348.947	348.849	348.742	348.748	348.763	348.639	348.574	348.548	
166 FFJT	345.083	344.447	344.038	343.789	343.720	343.561	343.485	343.336	343.401	343.238	343.219	343.176	
173 WCOOL TRIP	.100497	.100765	.101050	.101059	.101195	.101736	.102404	.103157	.104097	.103286	.102335	.102913	
174 DT TRIP	.919197	2.15698	3.19102	3.72630	4.12146	4.50372	4.67605	4.78181	4.92971	5.08234	5.24305	5.42978	
175 QTW	.092377	.217348	.322452	.376574	.417071	.458192	.478848	.493277	.513166	.524932	.536548	.558796	
176 WCOOL NOZ	.098956	.099579	.100076	.100757	.100925	.101827	.102010	.102856	.102887	.102770	.102321	.102289	
177 DT NOZ	13.8473	40.7599	68.6723	86.5902	100.923	111.800	121.698	129.802	134.397	135.083	134.585	134.859	
178 QNW	1.37027	4.05885	6.87244	8.72456	10.1857	11.3842	12.4145	13.3508	13.8277	13.8824	13.7710	13.7946	

09-23-94
12:20:25

TEST NO. LX01-D02-0A-102 DATE 09-20-94 0157 HOURS DURATION 15.002 SECONDS
CONFIG: A CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.75"

RUN DATA-PT		202.014	202.015	202.016	202.017
0	START TIME	12.0000	13.0000	14.0000	2.00000
1	STOP TIME	13.0000	14.0000	14.8020	14.8020
2	TIME OF DAY	1.57000	1.57000	1.57000	1.57000
4	FMD-1	.095260	.095124	.095197	.095301
5	FMD-2	.095253	.095138	.095200	.095301
6	FHF-1	.160811	.161103	.160941	.160847
7	FHF-2	.160824	.161137	.161099	.160885
8	FHNW-1	.102299	.101751	.101867	.101894
9	PDIR	226.539	226.519	226.531	226.521
10	PFTF	251.349	251.426	251.344	251.365
11	FHNW-2	-.00010	-.00008	-.00010	-.00010
12	POVI	310.080	309.906	309.808	310.641
15	PC-1	248.029	248.031	247.878	248.549
16	PFVI	348.067	348.012	347.981	348.251
17	PQJ	306.513	306.336	306.207	307.081
18	PFJ	341.790	341.976	341.824	342.220
19	FCAL-A	-.37179	-.37512	-.36827	-.37795
20	FCAL-B	-.01873	-.01053	-.00963	-.01017
21	FA	69.2842	69.4489	69.7040	68.5467
22	FB	69.3569	69.5192	69.7891	68.6240
27	POL-1	311.208	311.075	310.951	311.794
29	PHE	1007.64	1007.56	1007.56	1007.62
30	TJB-3	72.0483	72.1120	72.2217	71.8596
31	TCN-1	384.695	406.294	428.562	297.094
35	TCCELL	69.7699	69.7766	69.7596	69.8873
46	TC-1	132.033	132.306	131.835	132.676
48	TC-3	1398.89	1398.79	1398.64	1402.07
50	TOV	69.3160	69.4539	69.5601	69.3656
52	WOPDFM	.136437	.136137	.142914	.137709
53	WOPDFM	.162706	.161955	.169865	.162583
54	POTS	59.2537	59.1971	59.2248	59.2125
55	PFL	353.436	353.346	353.360	353.603
56	VTGV	30.4930	30.5036	30.5122	30.4243
57	TEVI	75.3941	75.4758	75.5270	74.4782
58	WOPDFM	1.21012	1.30534	1.39858	.835770
59	WOPDFM	2.02811	2.19050	2.34818	1.39700
68	TJB-1	72.0316	72.2091	72.4638	71.6942
69	TJB-2	75.1190	75.3658	75.4583	74.1301
73	FMTW-1	.105674	.104008	.105676	.103240
74	FMTW-2	.105780	.103083	.105042	.102650
75	PHU	14.3752	14.3748	14.3756	14.3712
76	PVHE	1452.18	1452.15	1452.11	1452.36
77	TOFM	73.9231	73.9465	73.9383	73.4493
78	TFM	74.9247	74.8905	74.9187	74.6817
79	TFB-1	174.144	193.846	214.307	125.237
80	TNWI	73.3810	73.4214	73.3652	73.3836
81	TNWO	208.812	208.126	208.082	193.851
82	TTWI	73.9349	73.9184	73.8873	73.8883
83	TTWO	79.4292	79.6053	79.7729	78.7307
84	TH-1	1890.15	1936.79	1959.10	1598.12
85	TH-2	1343.54	1379.97	1395.50	745.669

RUN DATA-PT		202.014	202.015	202.016	202.017
86 TH-3	DEG F	1544.81	1582.47	1650.12	1405.71
87 TH-4	DEG F	350.241	358.504	388.082	345.594
88 TH-5	DEG F	1712.55	1721.72	1727.78	1578.67
89 TH-6	DEG F	1534.28	1559.18	1617.71	1096.18
90 WD TURB FM	LB/SEC-F	.136873	.136685	.136787	.136994
91 WF TURB FM	LB/SEC-P	.161678	.161983	.161882	.161745
92 MR TURB FM	LBS	.846581	.843822	.844982	.846981
93 FADJ	LBS	66.7569	66.7292	66.7947	66.7969
99 MIDPT	LBS	12.5000	13.5000	14.4010	8.40100
100 AT	50.IN.	.211560	.211560	.211560	.211560
101 AE	50.IN.	.354670	.354670	.354670	.354670
102 PA	PSIA	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.00855	-.00855	-.00855	-.00855
105 WD	LB/SEC-P	.136744	.136568	.136661	.136839
106 WF	LB/SEC-P	.161677	.161984	.161881	.161745
107 WT	LB/SEC-P	.298421	.298552	.298542	.298584
108 MR	LBS	.845783	.843097	.844209	.846013
109 F SL	LBS	66.7655	66.7378	66.8033	66.8055
110 F VAC	LBS	71.9184	71.8907	71.9562	71.9584
111 ISP VAC	SECS	240.997	240.798	241.025	240.999
112 C STAR	FT/SEC	5653.39	5650.95	5647.64	5662.13
113 CF	FT/SEC	1.37058	1.37004	1.37213	1.36847
114 XDIFF F	PERCENT	.000000	.000000	.000000	.000000
115 XDIFF FMD	PERCENT	-.00769	.014968	.002818	.000547
116 XDIFF FMF	PERCENT	.007682	.021579	.097856	.023809
119 XDIFF FMD PD %	PERCENT	-.22459	-.31554	4.57519	.635854
120 XDIFF FMD PD %	PERCENT	.636187	-.01781	4.93197	.517893
121 SGO	1.43553	1.43558	1.43554	1.43586	1.43586
122 SGF	1.00534	1.00536	1.00535	1.00547	1.00547
123 SGOJ	1.44290	1.44272	1.44258	1.44284	1.44284
124 SGFRI	1.00534	1.00536	1.00535	1.00547	1.00547
125 SGFJ	1.00533	1.00535	1.00534	1.00546	1.00546
126 AVSGF	1.00534	1.00536	1.00534	1.00546	1.00546
127 AVSGO	1.43922	1.43915	1.43906	1.43935	1.43935
129 ROVJ	264.431	265.357	267.361	263.511	263.511
130 ROV	4573.35	4570.66	4565.90	4570.61	4570.61
132 RFRV	-16.763	-16.699	-16.721	-16.752	-16.752
133 RFVJ	215.746	205.566	210.501	206.110	206.110
134 RFJ	3650.79	3644.24	3648.81	3644.70	3644.70
136 KOVJ	.061496	.061388	.061158	.061603	.061603
137 KOJ	.014787	.014791	.014799	.014792	.014792
140 KFVJ	.068081	.069747	.068924	.069655	.069655
141 KFJ	.016550	.016565	.016555	.016564	.016564
142 WD PD	LB/SEC	.136437	.136137	.142914	.137709
143 WF PD	LB/SEC	.162706	.161955	.169865	.162583
144 WT PD	LB/SEC	.299142	.298092	.312778	.300292
145 MR PD	SECS	.938549	.840586	.841339	.847005
146 ISP PD	SECS	240.415	241.169	230.055	239.628
147 CSTAR PD	FT/SEC	5639.76	5659.66	5390.58	5629.93
149 ROVJ PD	FT/SEC	265.622	267.040	244.479	260.191

100 LB ENGINE PERFORMANCE JOB J10-100LB-A THRUST ADJUSTED FOR THERMAL CHANGE
TEST NO. LXDI-D02-0A-102 DATE 09-20-94 0157 HOURS DURATION 15.002 SECONDS
CONFIG: A CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.75"

J0014
09-23-94
12:20:25

RUN DATA-PT

202.014 202.015 202.016 202.017

150 ROJ PD	4593.96	4599.64	4175.12	4513.04
152 RERV PD	-16.552	-16.705	-15.186	-16.580
153 REVJ PD	213.027	205.639	191.178	203.992
154 REFJ PD	3604.78	3645.54	3313.87	3607.24
156 KOVJ PD	.061358	.061194	.063956	.061995
157 KOJ PD	.014754	.014745	.015476	.014886
160 KVVJ PD	.068515	.069734	.072324	.070015
161 KEJ PD	.016656	.016562	.017371	.016650
162 POVIT	310.732	310.557	310.460	311.293
163 FOJT	307.296	307.118	306.990	307.865
164 PFRIT	348.126	348.072	348.040	348.310
165 FVVIT	348.562	348.508	348.476	348.746
166 PFJT	342.953	343.142	342.989	343.383
173 WCOOL TRIP	.105727	.103545	.105359	.102945
174 DT TRIP	5.49428	5.68687	5.88567	4.84241
175 QTW	.580895	.588849	.620110	.498502
176 WCOOL NOZ	.102299	.101751	.101867	.101894
177 DT NOZ	135.431	134.705	134.717	120.467
178 QNW	13.8545	13.7064	13.7233	12.2749
	PSIA			
	PSIA			
	PSIA			
	PSIA			
	PSIA			
	LB/SEC			
	DEG F			
	BTU/SEC			
	LB/SEC			
	DEG F			
	BTU/SEC			

700.1
UNB2002

745 SECONDS

J10-100LB-A
OURS DURATION
IP-.25" LTRIP

NE PERFORMANC
TE 09-20-94
P/N 1208172-

100 LE
1-D02-0A-103
CONFIG: A CH

TEST NO.

LE HHIPC

[illegible]

RUN DATA-PT

88 TH-5	79.9495	382.412	808.065	1320.92	1463.00	1554.38	1619.36	1681.38	1742.92	1795.88	1834.07	1855.48	1859.61
89 TH-6	78.1370	328.344	372.526	368.614	348.066	360.975	398.836	431.228	561.481	869.695	1049.70	1192.91	1318.86
90 WD TURB FM	LB/SEC-P	.247377	.136958	.136237	.135651	.132086	.132061	.132111	.131755	.131585	.131576	.131533	.131377
91 WD TURB FM	LB/SEC-P	.247377	.167305	.164042	.165396	.165807	.165869	.165933	.166106	.166078	.166102	.166371	.166493
92 MR TURB FM	LB/SEC-P	.247377	.818579	.820521	.820174	.796625	.796225	.796482	.794031	.793733	.792318	.792145	.789087
99 MIDPT		.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000
100 AT	SO.IN.	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560
101 AE	SO.IN.	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670
102 PA	PSIA	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.01810	-.01810	-.01810	-.01810	-.01810	-.01810	-.01810	-.01810	-.01810	-.01810	-.01810	-.01810
105 WD	LB/SEC-P	.137084	.136153	.135515	.132047	.132050	.132134	.131786	.131883	.131640	.131633	.131576	.131472
106 WF	LB/SEC-P	.167268	.166027	.165401	.165807	.165854	.165874	.165931	.166103	.166082	.166104	.166370	.166497
107 WT	LB/SEC-P	.304532	.302180	.300915	.297854	.297905	.298008	.297717	.297986	.297722	.297737	.297945	.297969
108 MR		.819549	.820061	.819309	.796391	.796183	.796596	.794223	.793986	.792621	.792474	.790862	.789638
109 F SL	LBS	.66.1222	.66.3731	.66.5106	.66.3769	.66.2402	.66.3161	.66.3209	.66.3393	.66.3585	.66.4230	.66.4713	.66.4731
110 F VAC	LBS	71.2751	71.5260	71.6635	71.5298	71.3931	71.4690	71.4738	71.4922	71.5114	71.5759	71.6242	71.6260
111 ISP VAC	SECS	234.186	236.700	238.152	240.150	239.650	239.822	240.072	239.918	240.195	240.400	240.394	240.381
112 C STAR	FT/SEC	5531.34	5570.82	5597.96	5640.03	5620.55	5615.81	5616.87	5611.88	5613.71	5611.27	5608.92	5607.08
113 CF		1.36123	1.36609	1.36781	1.36900	1.37088	1.37302	1.37420	1.37453	1.37567	1.37744	1.37799	1.37836
114 XDIFF F	PERCENT	-.02836	-.02000	-.02167	-.04458	-.02747	.010841	.01961	.012425	-.03463	.025475	.016442	-.01817
115 XDIFF FMO	PERCENT	.052399	-.06644	.125210	.059014	.052182	.063509	.073164	.037241	.021254	.023255	.025738	.015160
116 XDIFF FMF	PERCENT	-.05637	.013160	-.03408	-.05971	-.08744	-.05061	-.03003	-.07485	-.03830	-.08185	-.05090	-.05882
117 XDIFF FMO PD %		-.6.8207	.282531	.864054	1.07991	.43619	.347126	.341586	.177752	.618889	.275319	.158700	-.26311
118 XDIFF FMF PD %		-.8.6835	.579380	.439384	-.48319	.437401	.22715	.017018	.276721	.167313	-.05343	.19240	-.33761
119 XDIFF FMO PD %		1.42390	1.42342	1.42318	1.42298	1.42291	1.42292	1.42284	1.42287	1.42284	1.42294	1.42288	1.42284
120 XDIFF FMF PD %		1.00101	1.00083	1.00074	1.00067	1.00066	1.00065	1.00065	1.00062	1.00063	1.00066	1.00064	1.00062
121 SGD		1.00100	1.00082	1.00073	1.00066	1.00066	1.00064	1.00064	1.00062	1.00063	1.00063	1.00063	1.00061
122 SGF		1.42312	1.42291	1.42314	1.42306	1.42297	1.42301	1.42310	1.42316	1.42321	1.42326	1.42335	1.42334
123 SGJ		301.027	294.945	285.389	307.202	308.575	311.900	309.940	306.756	308.350	316.116	308.855	315.538
124 SGRI		4256.34	4319.69	4371.45	4585.85	4574.11	4555.40	4577.08	4570.20	4589.24	4581.68	4581.48	4582.82
125 SGFJ		15.525	15.753	15.870	15.790	15.781	15.776	15.765	15.733	15.733	15.733	15.682	15.658
126 AVSGF		220.378	233.051	233.180	230.303	238.587	229.760	233.292	225.354	234.393	232.244	226.926	225.478
127 AVSGD		3602.05	3618.28	3620.65	3614.06	3628.31	3631.51	3632.84	3631.06	3631.33	3633.67	3626.45	3623.42
128 ROVJ		.057636	.058228	.059195	.057054	.056927	.056623	.056802	.057096	.056948	.056244	.056901	.056296
129 ROVJ		.015328	.015215	.015125	.014767	.014786	.014816	.014781	.014792	.014761	.014774	.014774	.014772
130 ROJ		.067362	.065505	.065487	.065895	.064741	.065973	.065471	.066614	.065317	.065619	.066383	.066596
131 RFJ		.016662	.016625	.016619	.016634	.016602	.016594	.016591	.016595	.016589	.016589	.016606	.016613
132 RFVJ		.127734	.136537	.136685	.133473	.131990	.132593	.132236	.132118	.132435	.131996	.131784	.131126
133 RFVJ		.152743	.166989	.166128	.165006	.165800	.165497	.165959	.166562	.166360	.166015	.165883	.165935
134 RFJ		.280478	.303527	.302813	.298479	.298569	.298090	.298196	.298680	.298815	.298011	.297668	.297061
135 MR PD		.836268	.817641	.822774	.808899	.792350	.801181	.796800	.793202	.796194	.795081	.794440	.790229
136 KOVJ		254.121	235.650	236.659	239.648	239.117	239.756	239.687	239.360	239.317	240.179	240.618	241.115
137 KOJ		6002.18	5546.10	5562.88	5628.22	5608.04	5614.27	5607.85	5598.84	5593.19	5606.12	5614.15	5624.22
138 KFUJ		346.710	293.286	280.520	300.673	308.861	309.746	307.833	305.669	304.569	314.382	307.877	317.205
139 ROVJ PD		4902.27	4295.39	4296.88	4488.39	4578.34	4523.94	4545.97	4554.00	4532.96	4556.56	4566.97	4607.03
140 KFUJ		18.618	15.572	15.731	15.944	15.643	15.848	15.759	15.646	15.683	15.750	15.774	15.764
141 KFUJ		264.283	230.374	231.144	232.545	236.514	230.807	233.213	224.112	233.610	232.493	228.259	227.008
142 WD PD													
143 WF PD													
144 WT PD													
145 MR PD													
146 ISP PD													
147 CSTAR PD													
148 ROVJ PD													
149 ROVJ PD													
150 ROJ PD													
151 RFVJ PD													
152 RFVJ PD													
153 RFVJ PD													

TEST NO. LXDI-D02-0A-103 DATE 09-20-94 1926 HOURS DURATION 14.745 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP=.75"

100 LB ENGINE PERFORMANCE JOB J10_100LB_A
 J0014
 09-23-94
 12:54:16

RUN	DATA-PT	203.001	203.002	203.003	203.004	203.005	203.006	203.007	203.008	203.009	203.010	203.011	203.012	203.013
154	RFJ PD	4319.67	3576.72	3589.04	3649.24	3596.77	3648.06	3631.60	3611.05	3619.21	3637.55	3647.75	3648.01	
156	KOVJ PD	.053705	.058392	.059706	.057670	.056901	.056819	.056996	.057197	.057300	.056399	.056992	.056147	
157	KOVJ PD	.014282	.015258	.015255	.014926	.014779	.014868	.014832	.014818	.014853	.014814	.014797	.014733	
160	KFVJ PD	.061513	.065885	.065775	.065576	.065024	.065823	.065482	.066799	.065427	.0663584	.066189	.066371	
161	KFJ PD	.015215	.016721	.016692	.016554	.016674	.016557	.016594	.016641	.016622	.016580	.016557	.016557	
162	POVIT	307.709	307.625	307.744	306.923	305.993	305.756	305.478	305.442	305.331	305.233	305.149	305.091	
163	POJT	303.734	303.783	304.061	303.159	302.212	301.929	301.695	301.693	301.576	301.384	301.393	301.259	
164	PERIT	353.904	353.127	352.571	352.160	352.031	351.778	351.794	351.749	351.842	351.777	351.843	351.823	
165	PFVIT	354.338	353.561	353.005	352.593	352.465	352.212	352.228	352.183	352.276	352.211	352.277	352.257	
166	PEJT	348.178	347.142	346.630	346.266	345.906	345.894	345.809	345.969	345.815	345.808	346.000	346.010	
173	WCDOOL TRIP	.088561	.090120	.088935	.090395	.090424	.088985	.087528	.091068	.091133	.119473	.126827	.170947	
174	DT TRIP	1.14540	2.53185	3.63360	4.16956	4.60419	4.85685	5.04397	5.13670	5.22082	4.86684	4.45296	5.06248	
175	QTN	.101438	.228171	.323154	.376909	.416330	.432189	.441488	.467789	.501892	.581453	.564757	.865416	
176	WCDOOL NOZ	.108974	.108804	.109068	.109646	.109813	.107696	.110193	.111371	.114896	.132763	.149814	.121049	
177	DT NOZ	11.3982	31.9474	59.6947	82.0989	100.153	115.653	128.692	140.430	154.740	181.240	194.118	164.080	
178	QNH	1.24212	3.47600	6.51080	9.00182	10.9982	12.6867	14.1809	15.6398	17.7790	24.0620	29.0816	19.8616	

09-23-94
12:54:16

TEST NO. LXDI-D02-0A-103 DATE 09-20-94 1926 HOURS DURATION 14.745 SECONDS
CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP=.75"

RUN DATA-PT

203.014 203.015 203.016 203.017

0 START TIME	12.0000	13.0000	14.0000	2.00000
1 STOP TIME	13.0000	14.0000	14.5450	14.5450
2 TIME OF DAY	19.2600	19.2600	19.2600	19.2600
4 FMD-1	.092443	.092262	.092343	.092759
5 FMD-2	.092458	.092323	.092394	.092803
6 FNF-1	.166386	.166535	.166543	.166052
7 FNF-2	.166270	.166455	.166450	.165957
8 FFW-1	.111100	.109946	.109551	.116260
9 PTR	.262.445	.262.428	.262.444	.262.459
10 PTR	.285.163	.285.167	.285.156	.285.139
11 FFW-2	.000096	.000083	.000098	.000094
12 PVI	.304.322	.304.164	.303.977	.304.962
15 PC-1	.245.448	.245.454	.245.319	.245.970
16 PVI	.351.839	.351.895	.351.925	.351.875
17 PVI	.300.447	.300.256	.300.130	.301.076
18 PVI	.344.610	.344.812	.344.708	.344.774
19 FCAL-A	-.17580	-.05569	-.00851	-.04139
20 FCAL-B	-.00456	-.00710	-.01633	.002478
21 FA	.66.5425	.66.5687	.66.5599	.66.4068
22 FB	.66.5398	.66.5728	.66.5604	.66.4017
27 PDL-1	.304.831	.304.625	.304.467	.305.448
29 PHE	.1034.01	.1034.09	.1034.02	.1034.07
30 TJB-3	.79.8935	.79.9952	.80.1789	.79.6035
31 TCN-1	.932.242	.980.581	.1017.96	.674.127
35 TCELL	.83.3622	.83.2699	.83.3402	.83.3611
50 TOV	.83.6417	.83.6840	.83.7790	.83.9051
52 WOPDFM	.131682	.131212	.132722	.132464
53 WOPDFM	.168543	.167328	.167660	.166386
54 POTS	.65.8376	.65.8756	.65.8297	.65.8404
55 PFL	.357.682	.357.731	.357.833	.357.711
56 VTCV	.30.5007	.30.5093	.30.5161	.30.4288
57 TFCV	.86.4381	.86.3797	.86.3845	.86.8791
58 WOPDFM	.1.19037	.1.28148	.1.35570	.800492
59 WOPDFM	.2.09763	.2.26267	.2.39645	.1.39889
68 TJB-1	.79.9351	.80.1932	.80.3801	.79.2967
69 TJB-2	.83.6241	.83.8037	.83.9221	.82.5000
73 FTHW-1	.206679	.173157	.128973	.126180
74 FTHW-2	.153626	.134669	.069994	.102759
75 PHU	.14.7207	.14.7004	.14.6973	.14.7004
76 PVHE	.1434.57	.1434.43	.1434.33	.1434.64
77 TOFM	.84.9947	.85.0552	.85.0688	.84.6308
78 TFFH	.84.3919	.84.4117	.84.3883	.84.3590
79 TTFB-1	.194.869	.213.311	.228.869	.134.078
80 TNWI	.77.8065	.77.8402	.77.7476	.77.7614
81 TNWD	.230.892	.230.582	.229.019	.214.067
82 TTWI	.77.7853	.77.8117	.77.7949	.77.7850
83 TTWO	.83.4541	.83.6576	.83.7713	.82.7202
84 TH-1	.1817.47	.1883.30	.1930.61	.1685.89
85 TH-2	.710.281	.952.906	.1138.71	.507.267
86 TH-3	.1594.40	.1575.09	.1569.42	.1562.62
87 TH-4	.356.228	.355.064	.354.084	.349.156

RUN	DATA-PT	203.014	203.015	203.016	203.017
88	TH-S	1854.74	1847.25	1834.33	1708.77
89	TH-6	1426.35	1493.87	1524.42	851.574
90	NO TURB FM	131474	131237	131360	131995
91	WF TURB FM	166437	166593	166597	166110
92	MR TURB FM	789940	787774	788495	794641
99	MIDPT	12.5000	13.5000	14.2725	8.27250
100	AT	211560	211560	211560	211560
101	AE	354670	354670	354670	354670
102	PA	14.5287	14.5287	14.5287	14.5287
103	NO CONTENT	1.60000	1.60000	1.60000	1.60000
104	F ZERO	-.01810	-.01810	-.01810	-.01810
105	NO	131544	131316	131426	132020
106	WF	166432	166598	166601	166112
107	WT	297976	297914	298028	298131
108	MR	790377	788222	788868	794766
109	F SL	66.5593	66.5889	66.5783	66.4223
110	F VAC	71.7122	71.7418	71.7312	71.5752
111	ISP VAC	240.664	240.814	240.686	240.080
112	C STAR	5602.91	5604.19	5598.99	5611.89
113	CF	1.38102	1.38156	1.38211	1.37546
114	XDIFF F	-.00404	-.006132	-.00802	-.00779
115	XDIFF FMD	-.016434	-.065564	-.055188	-.048659
116	XDIFF FMF	-.06987	-.04828	-.05587	-.05699
119	XDIFF FMD PD %	1.05179	-.07912	.986000	.336479
120	XDIFF FMF PD %	1.26844	.438498	.635593	1.65139
121	SGO	1.42285	1.42282	1.42285	1.42290
122	SGF	1.00063	1.00062	1.00063	1.00064
123	SGDJ	1.42382	1.42376	1.42363	1.42347
124	SGFR1	1.00063	1.00062	1.00063	1.00064
125	SGFJ	1.00061	1.00061	1.00062	1.00063
126	AVSGF	1.00062	1.00061	1.00062	1.00064
127	AVSGO	1.42334	1.42329	1.42324	1.42319
129	ROVJ	310.025	313.918	308.359	308.435
130	ROJ	4587.23	4586.62	4579.23	4562.16
132	RFRV	-15.670	-15.638	-15.638	-15.731
133	RFVJ	234.896	229.115	233.920	231.324
134	RFJ	3626.25	3626.17	3627.17	3627.22
136	KOVJ	.056794	.056441	.056947	.056940
137	KOJ	.014765	.014766	.014778	.014805
140	KFVJ	.065247	.066065	.065383	.065749
141	KFJ	.016606	.016606	.016604	.016604
142	NO PD	.131682	.131212	.132722	.132464
143	WF PD	.168543	.167328	.167660	.166386
144	WT PD	.300226	.298541	.300382	.298850
145	MR PD	.781298	.784160	.791615	.796125
146	ISP PD	238.861	240.308	238.799	239.502
147	CSTAR PD	5560.93	5592.43	5555.10	5598.39
149	ROVJ PD	309.374	314.416	302.367	306.370
150	ROJ PD	4577.60	4593.89	4490.24	4531.61
152	RFRV PD	-15.280	-15.502	-15.441	-15.679
153	RFVJ PD	229.049	227.118	230.975	230.562

RUN DATA-PT

154 RFJ PD	3535.98	3594.58	3581.49	3615.27
156 KOVJ PD	.056854	.056396	.057509	.057132
157 KOJ PD	.014780	.014754	.014923	.014855
160 KVVJ PD	.066075	.066355	.065799	.065858
161 KFJ PD	.016817	.016679	.016710	.016631
162 P0VIT	304.967	304.808	304.621	305.607
163 P0JT	301.198	301.005	300.879	301.830
164 PFRIT	351.901	351.958	351.988	351.938
165 PFVIT	352.335	352.392	352.421	352.372
166 PFJT	345.833	346.037	345.933	345.993
173 WCOOL TRIP	.180153	.153913	.099484	.114469
174 DT TRIP	5.66879	5.84583	5.97636	4.93520
175 QTH	1.02125	.899751	.594551	.564929
176 WCOOL NOZ	.111100	.109946	.109551	.116260
177 DT NOZ	153.085	152.741	151.271	136.305
178 QNH	17.0077	16.7934	16.5719	15.8469

TCU-1

100 LB ENGINE PERFORMANCE JOB J10_100LB_A
TEST NO. LXD1-D02-0A-104 DATE 09-20-94 2042 HOURS DURATION 14.995 SECONDS
CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP=.75"

FILE WHIPC

[illegible]

09-23-94
13:24:58

TEST NO. LXDI-D02-0A-104 DATE 09-20-94 2042 HOURS DURATION 14.995 SECONDS
CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP=.75"

RUN-DATE-PT		204.001 204.002 204.003 204.004 204.005 204.006 204.007 204.008 204.009 204.010 204.011 204.012 204.013																			
88 TH-5	DEG F	77.9477	415.974	985.792	1443.30	1552.50	1643.12	1679.89	1697.63	1720.37	1755.11	1789.94	1816.54	1834.86							
89 TH-6	DEG F	76.3951	329.675	371.719	381.378	402.644	421.290	420.117	497.015	801.624	1035.10	1229.24	1379.33	1475.65							
90 W0 TURB FM	LB/SEC-P	.249756	.146040	.144687	.144414	.143154	.142889	.142776	.142858	.142545	.142511	.142491	.142437	.142385							
91 W0 TURB FM	LB/SEC-P	.249756	.158394	.156759	.156353	.156461	.156696	.156666	.156954	.156823	.156943	.156854	.157024	.156969							
92 MR TURB FM		.249756	.921989	.922994	.923645	.914957	.911891	.911348	.907640	.908953	.908044	.908430	.907102	.907095							
99 MIDPT		.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000								
00 AT	S0.IN.	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560							
01 AE	S0.IN.	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670							
02 PA	PSIA	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287							
03 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000							
04 F ZERO	LB8	-.01534	-.01534	-.01534	-.01534	-.01534	-.01534	-.01534	-.01534	-.01534	-.01534	-.01534	-.01534	-.01534							
05 W0	LB/SEC-P	.146049	.144367	.144018	.142890	.142691	.142582	.142321	.142426	.142394	.142404	.142404	.142353	.142323							
06 WF	LB/SEC-P	.158393	.156757	.156350	.156463	.156693	.156668	.156956	.156829	.156829	.156940	.156856	.157013	.156971							
07 WT	LB/SEC-P	.304442	.301123	.300368	.299353	.299384	.299250	.299278	.299235	.299333	.299260	.299366	.299294								
08 MR		.922072	.920960	.921128	.913248	.910642	.910091	.906759	.908159	.907316	.907870	.906634	.906687								
09 F SL	LB8	.66.6478	.67.0002	.67.0530	.67.0439	.66.8583	.66.8428	.66.8508	.66.8943	.66.8943	.66.8943	.66.8916	.66.9097								
10 F VAC	LB8	71.8007	72.1531	72.2059	72.1968	72.0112	71.9957	72.0037	72.0472	72.1114	72.0938	72.0445	72.0626								
11 ISP VAC	SECS	235.843	239.613	240.391	241.176	240.531	240.587	240.592	240.755	240.907	240.907	240.657	240.776								
12 C STAR	FT/SEC	5542.41	5614.87	5628.62	5643.14	5624.67	5624.76	5625.01	5622.15	5618.92	5619.67	5617.99	5615.83								
13 CF		1.36813	1.37206	1.37315	1.37409	1.37491	1.37521	1.37518	1.37681	1.37847	1.37824	1.37727	1.37848								
14 XDIFF F	PERCENT	.014210	-.01853	.013305	-.00433	-.00399	-.00629	-.01471	-.01237	.017895	-.03685	-.02287	-.02942								
15 XDIFF FMO	PERCENT	.165510	.080769	-.02393	-.08608	.073311	.053046	.056625	.075853	.068830	.084375	.090683	.029018								
16 XDIFF FMF	PERCENT	-.01514	.014940	-.04507	-.06146	-.03585	-.07070	-.03989	-.05909	-.04831	-.08367	-.09617									
19 XDIFF FMO PD %		-.6.4803	.478320	.521475	1.86477	.108881	.607972	.447742	.460085	.509341	1.14240	.486697	-.85372								
20 XDIFF FMF PD %		-.6.5871	-.02164	.164318	.582178	.229338	-.38895	-.06648	.257853	.409057	.153633	-.55012	.306965								
21 SGO		1.42989	1.42737	1.42588	1.42531	1.42504	1.42489	1.42469	1.42470	1.42456	1.42452	1.42444	1.42438								
22 SGF		1.00319	1.00225	1.00169	1.00148	1.00138	1.00133	1.00125	1.00126	1.00121	1.00119	1.00116	1.00113								
23 SGOJ		1.42674	1.42756	1.42814	1.42863	1.42873	1.42902	1.42898	1.42932	1.42932	1.42966	1.42994	1.42954								
24 SGFRI		1.00319	1.00225	1.00169	1.00148	1.00138	1.00133	1.00125	1.00126	1.00121	1.00119	1.00116	1.00113								
25 SGFJ		1.00318	1.00224	1.00168	1.00147	1.00137	1.00132	1.00124	1.00125	1.00119	1.00118	1.00115	1.00112								
26 AVSCF		1.00319	1.00224	1.00168	1.00147	1.00138	1.00132	1.00125	1.00125	1.00120	1.00118	1.00115	1.00113								
27 AVSCD		1.42831	1.42747	1.42701	1.42697	1.42697	1.42688	1.42695	1.42684	1.42701	1.42694	1.42709	1.42696								
29 ROVJ		277.732	293.346	289.394	292.437	291.097	290.678	296.194	296.896	294.237	298.388	292.171	298.921								
30 ROJ		4488.55	4576.90	4615.95	4625.58	4632.22	4634.84	4632.29	4634.62	4638.41	4633.54	4636.69	4638.57								
32 RFRV		-17.389	-17.721	-17.794	-17.760	-17.705	-17.709	-17.641	-17.670	-17.644	-17.663	-17.626	-17.635								
33 RFVJ		215.607	221.067	222.117	211.582	223.713	221.575	213.174	218.293	217.296	216.185	205.012	211.155								
34 RFJ		3666.15	3674.16	3676.58	3676.11	3677.98	3681.32	3673.50	3678.76	3676.20	3679.04	3677.00	3677.47								
36 KOVJ		.060005	.058386	.058784	.058477	.058611	.058634	.058105	.058036	.058298	.057891	.058503	.057839								
37 KOJ		.014926	.014781	.014719	.014703	.014693	.014689	.014682	.014689	.014689	.014683	.014691	.014686								
40 KVVJ		.068103	.067257	.067098	.068748	.068858	.067180	.068491	.067683	.067838	.068012	.069841	.068818								
41 KFJ		.016516	.016498	.016492	.016493	.016489	.016482	.016499	.016487	.016493	.016487	.016491	.016490								
42 W0 PD	LB/SEC	.136585	.145057	.144769	.145554	.142848	.143449	.142959	.143081	.143119	.144031	.143046	.141108								
43 WF PD	LB/SEC	.177959	.156723	.156607	.157374	.157052	.156059	.156832	.157233	.157382	.157097	.156149	.157452								
44 WT PD	LB/SEC	.284544	.301780	.301376	.302928	.299900	.299508	.299811	.300314	.300701	.301128	.299195	.298560								
45 HR PD		.923126	.925565	.924413	.924894	.909556	.919199	.911425	.909991	.908222	.916833	.916086	.896195								
47 CSTAR PD	SECS	252.336	239.092	239.587	238.330	240.117	240.380	240.164	239.906	239.811	239.412	240.794	241.367								
49 ROVJ PD	FT/SEC	5929.98	5602.66	5609.80	5576.53	5614.99	5619.92	5615.02	5602.31	5593.37	5585.01	5621.20	5629.63								
150 ROJ PD		317.555	290.559	286.399	281.828	290.459	287.175	293.559	294.183	291.263	291.686	289.348	304.091								
152 RFRV PD		5132.15	4533.43	4568.18	4457.78	4622.05	4578.99	4591.08	4592.26	4591.52	4529.46	4591.88	4718.79								
153 RFVJ PD		-19.928	-17.729	-17.735	-17.624	-17.847	-17.847	-17.665	-17.579	-17.501	-17.609	-17.821	-17.527								
		247.086	221.163	221.389	209.140	222.690	223.309	213.458	217.171	215.529	215.522	207.286	209.864								

FILE HHIPC

100 LB ENGINE PERFORMANCE JOB J10 100LB A
 TEST NO. LXD1-D02-0A-104 DATE 09-20-94 2042 HOURS DURATION 14.995 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP=.75"

RUN	DATA-PT	204.001	204.002	204.003	204.004	204.005	204.006	204.007	204.008	204.009	204.010	204.011	204.012	204.013
154	REFJ PD	4201.42	3675.75	3664.52	3633.68	3661.17	3710.13	3678.39	3659.86	3667.31	3667.76	3717.79	3655.00	
156	KOVJ PD	.056116	.058665	.059090	.059567	.058676	.059010	.058365	.058303	.058595	.058552	.058788	.057345	
157	KOVJ PD	.013959	.014852	.014795	.014978	.014709	.014778	.014759	.014757	.014758	.014859	.014757	.014557	
160	KFVJ PD	.063617	.067243	.067208	.069148	.067011	.066919	.068445	.067858	.068116	.068117	.069457	.069029	
161	KFJ PD	.015428	.016494	.016519	.016589	.016527	.016417	.016488	.016530	.016560	.016512	.016401	.016541	
162	FOVIT	319.320	319.674	319.799	318.644	317.733	317.538	317.359	317.343	317.251	317.217	317.115	317.072	
163	FOJT	315.173	315.391	315.592	314.460	313.579	313.396	313.155	313.123	313.070	312.977	312.966	312.829	
164	PFRT	344.709	343.638	343.265	342.953	342.798	342.696	342.689	342.644	342.619	342.542	342.417	342.375	
165	PFVIT	345.144	344.073	343.699	343.387	343.232	343.130	343.123	343.078	343.053	342.976	342.851	342.809	
166	PFJT	339.752	338.653	338.278	338.215	337.746	337.698	337.878	337.716	337.708	337.664	337.803	337.613	
173	WC00L TRIP	.110953	.111919	.112977	.111816	.111722	.113065	.116392	.125752	.219367	.324682	.326034		
174	DT TRIP	.878708	2.31894	3.47803	4.10938	4.53370	4.90461	4.98616	5.08359	4.84902	4.04330	4.04668	4.73321	
175	QW	.097495	.259534	.392937	.459494	.506515	.554542	.580350	.639274	1.06372	1.31278	4046673	1.54319	
176	WC00L NOZ	.095928	.096007	.095954	.095753	.095679	.095668	.096845	.100734	.117717	.153880	.145710	.118590	
177	DT NOZ	13.1497	36.4413	63.7537	82.8956	98.8769	112.362	122.376	136.552	161.884	193.727	184.422	159.655	
178	GNW	1126143	3.49861	6.11740	7.93754	9.46045	10.7494	11.8516	13.7555	19.0566	29.8107	26.8722	18.9334	

J0014
09-23-94
13:24:58

TEST NO. LXD1-D02-0A-104 DATE 09-20-94 2042 HOURS DURATION 14.995 SECONDS
CONFIG: A CHAMBER F/N 1208172-2 HTRIP-.25" LTRIP=.75"

FILE HHIPC

100 LB ENGINE PERFORMANCE JOB J10_100LB.A

RUN DATA-PT		204.014		204.015		204.016		204.017	
0 START TIME		12.0000		13.0000		14.0000		2.00000	
1 STOP TIME		13.0000		14.0000		14.7950		14.7950	
2 TIME OF DAY		20.4200		20.4200		20.4200		20.4200	
3 FMO-1		.100005		.099936		.099919		.100056	
4 FMO-2		.100070		.099976		.100020		.100105	
5 FMO-3		.156469		.156777		.157006		.156651	
6 FMO-4		.156372		.156683		.156908		.156556	
7 FMO-5		.110083		.109634		.109023		.111135	
8 FMO-6		.275.656		.275.649		.275.649		.275.653	
9 POTR		.284.506		.284.631		.284.668		.284.272	
10 PFTF		.000101		.000118		.000133		.000111	
11 FMO-2		.316.284		.316.233		.316.329		.316.873	
12 POVI		.246.821		.246.947		.246.947		.247.409	
15 PC-1		.342.445		.342.508		.342.525		.342.609	
16 PFV1		.311.889		.311.894		.311.957		.312.504	
17 P0J		.336.182		.336.445		.336.560		.336.647	
18 PFJ		.008669		.012129		.006701		.005772	
19 FCAL-A		.00436		.02522		.02733		.01178	
20 FCAL-B		.66.8810		.66.9487		.66.9700		.66.9179	
21 FA		.66.8731		.66.9608		.66.9651		.66.9127	
22 FB		.316.379		.316.370		.316.461		.317.005	
27 POL-1		.1021.81		.1021.74		.1021.78		.1021.80	
29 PHE		.77.6910		.77.9306		.78.0510		.77.4595	
30 TJB-3		.1012.36		.1069.86		.1122.59		.735.745	
31 TCN-1		.78.3795		.78.4643		.78.4500		.78.5766	
35 TCELL		.79.4998		.79.7142		.79.8518		.79.7439	
50 TOV		.142663		.142534		.148440		.143720	
52 WOPDFM		.156921		.157473		.162982		.157506	
53 WFPDFM		.65.3191		.65.3312		.65.3616		.65.3411	
54 POTS		.348.366		.348.411		.348.418		.348.479	
55 PFL		.30.4537		.30.4634		.30.4721		.30.3856	
56 VTCV		.85.4476		.85.5724		.85.5649		.84.8590	
57 TFV1		.1.27676		.1.37641		.1.47400		.880107	
58 WOPDFM		.1.97836		.2.13522		.2.28859		.1.35801	
59 WFPDFM		.77.5944		.77.8794		.78.1493		.77.0429	
68 TJB-1		.81.7940		.82.1029		.82.2827		.80.7298	
69 TJB-2		.349798		.345213		.167817		.138449	
73 FMTW-1		.303040		.14.8317		.14.8547		.14.8637	
74 FMTW-2		.14.8317		.14.8547		.14.8547		.14.8479	
75 PHU		.1451.33		.1451.31		.1451.30		.1451.47	
76 PVHE		.82.8403		.82.9188		.82.9290		.82.0206	
77 TOFM		.83.3411		.83.3921		.83.4177		.83.0908	
78 TFFM		.213.926		.234.951		.256.007		.148.745	
79 TTFB-1		.76.5288		.76.5729		.76.6323		.76.5681	
80 TNWI		.227.948		.227.489		.226.671		.212.693	
81 TNWO		.77.2033		.77.2425		.77.2167		.77.1944	
82 TTWI		.82.4850		.82.7549		.82.9729		.81.9223	
83 TTWO		.1927.98		.1948.87		.1947.80		.1732.94	
84 TH-1		.1232.69		.1326.83		.1440.12		.730.379	
85 TH-2		.1640.25		.1660.88		.1743.78		.1610.83	
86 TH-3		.360.464		.376.455		.464.806		.368.417	
87 TH-4		.360.464		.376.455		.464.806		.368.417	

TEST NO. LXD1-D02-0A-104 DATE 09-20-94 2042 HOURS DURATION 14.995 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP-.75"

J0014
 09-23-94
 13:24:58

RUN DATA-PT

204.014 204.015 204.016 204.017

88 TH-S	DEC F	1844.04	1845.19	1849.66	1729.40
89 TH-6	DEC F	1543.12	1591.54	1617.83	988.605
90 W0 TURB FM	LB/SEC-P	.142561	.142433	.142453	.142729
91 W0 TURB FM	LB/SEC-P	.156601	.156906	.157125	.156801
92 MR TURB FM		.910349	.907767	.906625	.910270
99 MIDPT		12.5000	13.5000	14.3975	8.39750
100 AT	90.IN.	.211560	.211560	.211560	.211560
101 AE	90.IN.	.354670	.354670	.354670	.354670
102 PA	PSIA	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.01534	-.01534	-.01534	-.01534
105 W0	LB/SEC-P	.142492	.142368	.142384	.142586
106 WF	LB/SEC-P	.156599	.156904	.157129	.156801
107 WT	LB/SEC-P	.299090	.299273	.299513	.299387
108 MR		.909917	.907358	.906158	.909344
109 F SL	LBS	66.8924	66.9701	66.9829	66.9307
110 F VAC	LBS	72.0453	72.1230	72.1358	72.0836
111 ISP VAC	SECS	240.881	240.994	240.844	240.771
112 C STAR	FT/SEC	5613.26	5612.70	5608.19	5621.06
113 CF		1.37971	1.38050	1.38075	1.37717
114 XDIF F	PERCENT	-.01176	.018142	-.00722	-.00767
115 XDIF FMO	PERCENT	.064973	.040490	.100985	.048931
116 XDIF FMF	PERCENT	-.06214	-.05958	-.06250	-.06092
119 XDIF FMO PD %		.119917	.116525	.4.25357	.795200
120 XDIF FMF PD %		.206135	.362728	3.72501	.449883
121 SGO		1.42438	1.42431	1.42428	1.42472
122 SGF		1.00114	1.00111	1.00110	1.00126
123 SG0J		1.42946	1.42918	1.42899	1.42914
124 SGFRI		1.00114	1.00111	1.00110	1.00126
125 SGFJ		1.00113	1.00110	1.00109	1.00125
126 AVSGF		1.00113	1.00111	1.00109	1.00126
127 AVSGD		1.42692	1.42674	1.42664	1.42693
129 ROVJ		296.535	293.084	295.323	294.263
130 ROJ		4639.09	4637.68	4640.53	4633.91
132 RFRV		-17.717	-17.648	-17.597	-17.676
133 RFVJ		230.483	221.304	216.600	217.567
134 RFJ		3693.20	3684.49	3678.67	3679.25
136 KOVJ		.058071	.058412	.058190	.058295
137 KOJ		.014682	.014684	.014680	.014690
140 KVVJ		.065869	.067221	.067947	.067796
141 KFJ		.016455	.016474	.016487	.016486
142 W0 PD	LB/SEC	.142663	.142534	.148440	.143720
143 WF PD	LB/SEC	.156921	.157473	.162982	.157506
144 WT PD	LB/SEC	.299584	.300008	.311423	.301226
145 MR PD		.909134	.905132	.910776	.912470
146 18P PD	SECS	240.484	240.404	231.633	239.300
147 CSTAR PD	FT/SEC	5604.01	5598.95	5393.72	5586.74
149 ROVJ PD		295.825	292.402	271.716	289.638
150 ROJ PD		4627.98	4626.89	4269.58	4561.09
152 RFRV PD		-17.644	-17.521	-16.356	-17.518
153 RFVJ PD		229.536	219.708	201.322	215.622

TEST NO. LYD1-D02-0A-104 DATE 09-20-94 2042 HOURS DURATION 14.995 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP=.75"

J0014
 09-23-94
 13:24:58

RUN DATA-PT

154 RFJ PD	204.014	204.015	204.016	204.017
156 KUVJ PD	3678.02	3657.91	3419.20	3646.37
157 KOJ PD	.058141	.058480	.060666	.058759
160 KFVJ PD	.014700	.014701	.015304	.014807
161 KFJ PD	.066005	.067465	.070478	.068101
162 FOVIT	.016489	.016534	.017102	.016560
163 FOJT	316.934	316.883	316.979	317.523
164 FFRIT	312.714	312.719	312.782	313.331
165 PFVIT	342.500	342.564	342.581	342.665
166 FFJT	342.934	342.998	343.015	343.099
173 WCOOL TRIP	337.288	337.556	337.673	337.756
174 DT TRIP	.326419	500000.		.153133
175 GTW	5.28165	5.51234	5.75624	4.72789
176 WCOOL NOZ	1.72403	2756171	5756235	.723996
177 DT NOZ	.110083	.109634	.109023	.111135
178 ONW	151.419	150.916	150.039	136.125
	16.6687	16.5456	16.3577	15.1283

TEST NO. LXDI-002-0A-105 DATE 09-20-94 2116 HOURS DURATION 14.979 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP=.75"

100 LB ENGINE PERFORMANCE JOB J10_100LB_A

TCU-1
 09-23-94
 13:59:19

RUN DATA-PT

0	START TIME		205.001	205.002	205.003	205.004	205.005	205.006	205.007	205.008	205.009	205.010	205.011	205.012	205.013
1	STOP TIME		-.50000	.50000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000
2	TIME OF DAY		-.05000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000	12.0000
4	FMO-1	LBS-MIN	21.1600	21.1600	21.1600	21.1600	21.1600	21.1600	21.1600	21.1600	21.1600	21.1600	21.1600	21.1600	21.1600
5	FMO-2	LBS-M	.019172	.093317	.091984	.093009	.089745	.089029	.088837	.088844	.088833	.088849	.088836	.088854	.088906
6	FMO-1	LBS-M	.000544	.093510	.092126	.093129	.089729	.088977	.088815	.088762	.088760	.088799	.088752	.088822	.088837
7	FMO-2	LBS-M	.004183	.175335	.174698	.174458	.174480	.175045	.175282	.175316	.175312	.175316	.175318	.174779	.175255
8	FMO-1	LBS-M	.002120	.175244	.174664	.174359	.174439	.175036	.175213	.175266	.175142	.175261	.175128	.174688	.175122
9	POTR	LBS-M	.089788	.089695	.089804	.090068	.090317	.090361	.091229	.092602	.093460	.112182	.153210	.150970	.126264
10	PFTR	PSIA	256.527	256.491	256.464	256.512	256.514	256.535	256.417	256.590	256.418	256.501	256.445	256.531	256.505
11	FMO-2	LBS-M	.000061	.000082	.000077	.000094	.000104	.000102	.000038	.000099	.000082	.000104	.000074	.000110	.000105
12	POVI	PSIA	309.918	303.513	303.658	303.780	303.044	302.046	301.683	301.576	301.491	301.460	301.331	301.317	301.282
15	PC-1	PSIA	14.5809	247.574	248.219	248.567	247.905	247.191	246.894	247.042	246.896	246.934	246.792	246.633	246.700
16	PFVI	PSIA	377.688	364.684	364.836	365.030	364.929	364.806	364.617	364.517	364.585	364.619	364.564	364.500	364.409
17	POV	PSIA	14.5989	300.174	300.393	300.687	299.937	298.918	298.890	298.347	298.329	298.346	298.280	298.228	298.245
18	PFV	PSIA	14.5895	357.851	357.936	358.125	357.746	357.699	357.630	357.683	357.535	357.656	357.516	357.148	357.459
19	FCAL-A	LBS	-.00128	.027540	.017295	-.00246	.017110	.007454	.071608	-.01276	.008147	.008714	.017530	.020008	.016891
20	FCAL-B	LBS	.028323	.038420	.012251	.027732	.027141	.025652	-.01083	.047069	.025071	.017310	.021117	.014932	.020902
21	FA	LBS	-.03844	66.2012	66.6119	66.7745	66.6506	66.5664	66.4796	66.5632	66.5570	66.7268	66.6598	66.6626	66.7307
22	FB	LBS	-.01097	66.2216	66.6096	66.7812	66.6606	66.5543	66.5772	66.5223	66.5452	66.7347	66.6620	66.6778	66.7388
27	POL-1	PSIA	308.873	303.447	303.675	303.687	302.886	301.893	301.715	301.295	301.276	301.278	301.185	301.179	301.141
29	PHE	DEG F	1019.11	1019.12	1018.98	1019.12	1019.14	1019.09	1019.07	1019.09	1019.02	1019.10	1019.10	1019.11	1019.16
30	TJB-3	DEG F	76.9088	77.0083	76.9645	77.1176	77.1378	77.1518	77.1835	77.2393	77.1829	77.2924	77.4133	77.4133	77.4614
31	TCN-1	DEG F	136.153	140.347	181.041	274.145	376.824	472.290	553.362	620.927	678.465	727.941	780.038	851.523	933.899
35	TCELL	DEG F	77.9291	77.9820	77.9975	77.9364	77.9324	77.7208	78.1502	77.6519	77.7081	77.7905	77.7358	77.7878	77.8047
50	TOV	DEG F	78.8937	79.9290	79.8855	79.2652	78.8296	78.7735	78.7862	78.3648	78.4498	78.3635	78.3079	78.1680	78.2700
52	WOPDFM	LBS/SEC-P	.247377	.122372	.132335	.132632	.129647	.127391	.127270	.127786	.126680	.127378	.127410	.127083	.127440
53	WOPDFM	LBS/SEC-P	.247377	.162731	.175986	.175080	.174216	.175875	.175190	.175327	.175866	.176072	.175622	.173794	.176981
54	POTS	PSIA	64.8520	64.6567	64.7157	64.7274	64.6978	64.7571	64.6171	64.6497	64.8172	64.7079	64.8430	64.7617	64.8026
55	PFL	PSIA	380.092	371.666	371.670	371.968	371.876	371.677	371.657	371.490	371.481	371.535	371.538	371.429	371.440
56	VICV	VOLTS	.020387	30.1272	30.1790	30.2324	30.2733	30.3073	30.3287	30.3616	30.3810	30.3969	30.4149	30.4266	30.4404
57	TFVI	DEG F	81.0173	82.6288	81.7379	81.5462	82.7446	83.4991	84.3523	84.2282	84.4437	84.7212	84.7368	84.8351	84.9621
58	WOPDFM	LBS	-.00001	.086308	.156035	.248859	.338836	.429134	.517834	.607055	.696227	.785863	.874568	.964737	1.05273
59	WOPDFM	LBS	-.00022	.151146	.283367	.458894	.631126	.807327	.982280	1.15637	1.33283	1.50844	1.68347	1.85911	2.03258
68	TJB-1	DEG F	75.7446	75.9082	76.0589	76.2061	76.2996	76.4325	76.3890	76.6262	76.7214	76.7975	77.0422	77.1396	77.3309
69	TJB-2	DEG F	77.9650	78.0854	78.2266	78.3160	78.6589	78.8384	79.6194	79.5706	79.8718	80.2284	80.4398	80.7563	80.9367
73	FMTN-1	LBS-M	.110789	.111132	.111834	.113262	.113529	.113479	.115016	.117141	.124893	.205493	.319842	.353700	
74	FMTN-2	LBS-M	.109895	.110152	.111181	.112788	.113324	.113424	.114241	.116973	.124867	.205371	.319443	.332788	
75	PHU	PSIA	14.8609	14.8629	14.8820	14.8584	14.8714	14.8580	14.9265	14.8143	14.8619	14.8553	14.8843	14.8774	14.8979
76	PVME	PSIA	1453.27	1453.34	1453.36	1453.40	1453.34	1453.39	1453.05	1453.46	1453.37	1453.27	1453.38	1453.26	1453.28
77	TOFM	DEG F	78.7179	78.5677	78.1331	78.3171	79.4359	80.1541	80.3861	80.8016	80.9800	81.1588	81.3114	81.4134	81.5809
78	TFM	DEG F	78.9292	78.5581	80.7171	81.5294	81.7980	81.9688	82.0406	82.1847	82.2722	82.2874	82.3131	82.3233	82.3987
79	TFB-1	DEG F	72.1064	72.2790	72.6845	74.2788	77.8692	84.0360	91.7279	101.662	112.907	125.711	138.917	153.824	169.450
80	TNWI	DEG F	75.8738	75.9641	76.2098	76.0846	76.0209	76.1271	76.0986	75.9269	76.1526	76.0575	76.2252	76.1862	76.1795
81	TNWI	DEG F	76.3404	76.9408	76.9408	76.9408	76.9408	76.9408	76.9408	76.9408	76.9408	76.9408	76.9408	76.9408	76.9408
82	TNWI	DEG F	76.9087	76.9984	77.0335	77.0473	77.0873	77.0873	77.0873	77.0873	77.0873	77.0873	77.0873	77.0873	77.0873
83	TNWI	DEG F	76.9558	78.0766	79.6259	80.8717	81.5132	81.9147	82.3126	82.3977	82.5531	82.2708	81.3744	81.2437	81.8355
84	TH-1	DEG F	80.3652	565.930	984.619	1373.07	1493.61	1483.87	1451.27	1441.66	1447.14	1461.20	1473.85	1488.20	1500.71
85	TH-2	DEG F	77.7267	364.393	376.010	351.804	347.586	349.877	351.805	353.504	353.611	353.725	352.730	352.640	352.088
86	TH-3	DEG F	80.9362	895.568	1323.50	1563.96	1642.95	1686.03	1704.59	1717.16	1728.17	1736.45	1740.46	1744.54	1746.94
87	TH-4	DEG F	77.5518	282.574	325.464	337.474	343.146	344.855	345.671	346.834	346.917	346.968	347.380	347.045	346.994

09-23-94
13:59:19

SECOND8

DURATION 14.979
LTRIP-.75"

HOURS
2 HRIP-.25"

DATE 09-20-94 2116
P/N 1208172-2

CHAMBER
CONFIG A

NO. LAD1-D02-0A-105

CONFIG A

1651

RUN DATA-PT		205.001	205.002	205.003	205.004	205.005	205.006	205.007	205.008	205.009	205.010	205.011	205.012	205.013
88 TH-5	DEC F	79.5941	315.537	647.341	1252.57	1499.80	1568.67	1553.38	1545.85	1548.81	1569.30	1596.05	1626.17	1653.66
89 TH-6	DEC F	76.7168	324.657	361.185	365.044	354.750	350.485	351.971	354.766	353.988	357.941	364.545	383.790	415.272
90 WD TURB FM	LB/SEC-P	.247377	.133666	.131747	.133200	.123298	.127140	.126864	.126750	.126750	.126750	.126750	.126755	.126792
91 WF TURB FM	LB/SEC-P	.247377	.175920	.175120	.174765	.174802	.175367	.175367	.175577	.175447	.175586	.175451	.175030	.175476
92 MR TURB FM		.247377	.759781	.752328	.762172	.733962	.725002	.722580	.722020	.722445	.721948	.722175	.724200	.722598
99 MIDPT			.750000	1.50000	2.50000	3.50000	5.50000	5.50000	7.50000	8.50000	9.50000	10.5000	11.5000	
100 AT	SO IN.	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560
101 AE	SO IN.	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670
102 PA	PSIA	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-0.2471	-0.2471	-0.2471	-0.2471	-0.2471	-0.2471	-0.2471	-0.2471	-0.2471	-0.2471	-0.2471	-0.2471	-0.2471
105 WD	LB/SEC-P	.133641	.131432	.132779	.132779	.127993	.126925	.126663	.126613	.126593	.126631	.126585	.126646	.126685
106 WF	LB/SEC-P	.175914	.175116	.174770	.174770	.174799	.175366	.175364	.175581	.175446	.175587	.175450	.175028	.175477
107 WT	LB/SEC-P	.309555	.306548	.307549	.307549	.302792	.302292	.302228	.302194	.302040	.302218	.302035	.301674	.302162
108 MR		.759692	.750546	.759736	.759736	.732231	.732373	.732144	.732111	.732150	.732188	.732148	.732378	.732194
109 F SL	LBS	66.2361	66.6354	66.8026	66.8026	66.6803	66.5851	66.5531	66.5675	66.5758	66.7555	66.6856	66.6949	66.7595
110 F VAC	LBS	71.3890	71.7883	71.9555	71.8332	71.7380	71.7060	71.7204	71.7204	71.7287	71.9084	71.8385	71.8478	71.9124
111 ISP VAC	SECS	230.618	234.183	233.964	237.236	237.314	237.258	237.332	237.332	237.481	237.935	237.848	238.164	237.993
112 C STAR	FT/SEC	5440.02	5507.73	5497.44	5568.99	5562.14	5556.63	5560.58	5560.58	5557.88	5557.88	5560.94	5553.48	5553.48
113 CF		1.36299	1.36705	1.36832	1.36964	1.37177	1.37281	1.37281	1.37226	1.37323	1.37647	1.37592	1.37698	1.37784
114 XDIF F	PERCENT	.030805	-.00345	.010077	.015098	-.01821	.146805	-.06152	-.06152	-.01772	.011937	.003205	.022901	.012245
115 XDIF FMD	PERCENT	.206654	.154821	.128803	-.01825	-.03845	-.02470	-.09254	-.09254	-.08267	.05587	-.09465	-.03592	-.07776
116 XDIF FMF	PERCENT	-.05197	-.01942	-.03452	-.02366	-.00491	-.03625	-.00886	-.00886	-.03107	-.03005	-.05196	-.07596	
119 XDIF FMD PD %		-8.4319	.686782	-.11065	1.29217	.367007	.478846	.925869	.068507	.590098	.651950	.345214	.595871	
120 XDIF FMF PD %		-7.4943	.497158	.177412	-.33320	.289998	-.21328	-.14495	.239417	.276074	.098078	-.70494	.857129	
121 SGO		1.43064	1.42776	1.42668	1.42631	1.42607	1.42597	1.42578	1.42566	1.42566	1.42566	1.42566	1.42559	1.42549
122 SGF		1.00356	1.00249	1.00208	1.00195	1.00186	1.00182	1.00175	1.00175	1.00171	1.00170	1.00169	1.00168	1.00165
123 SGOJ		1.42878	1.42884	1.42967	1.43024	1.43031	1.43029	1.43085	1.43085	1.43073	1.43085	1.43092	1.43111	1.43097
124 SGFI		1.00356	1.00249	1.00208	1.00195	1.00186	1.00182	1.00175	1.00175	1.00171	1.00170	1.00169	1.00168	1.00165
125 SGFJ		1.00355	1.00247	1.00207	1.00193	1.00185	1.00181	1.00174	1.00174	1.00170	1.00169	1.00168	1.00167	1.00163
126 AVSGF		1.00356	1.00248	1.00207	1.00194	1.00185	1.00182	1.00175	1.00175	1.00170	1.00170	1.00168	1.00168	1.00164
127 AVSGO		1.42971	1.42830	1.42817	1.42828	1.42819	1.42813	1.42831	1.42820	1.42820	1.42824	1.42826	1.42835	1.42823
129 ROVJ		258.027	261.460	241.527	263.711	270.677	242.071	281.180	275.222	270.797	265.403	268.480	263.692	
130 ROJ		4269.12	4377.46	4287.95	4606.02	4656.32	4699.40	4643.22	4655.76	4651.54	4661.84	4667.58	4659.85	
132 RFRV		-14.109	-14.208	-14.232	-14.243	-14.149	-14.116	-14.111	-14.132	-14.132	-14.108	-14.131	-14.199	-14.125
133 RFVJ		194.584	198.606	199.582	208.598	204.539	200.109	195.044	202.449	199.240	202.351	213.449	199.061	
134 RFJ		3619.58	3630.13	3637.70	3645.30	3643.42	3642.55	3638.52	3643.81	3640.73	3646.38	3656.95	3646.24	
136 KOVJ		.062254	.061844	.064345	.061579	.060782	.064273	.059636	.060278	.060768	.061383	.061030	.061582	
137 KOJ		.015305	.015114	.015271	.014735	.014655	.014587	.014675	.014675	.014656	.014662	.014646	.014637	.014649
140 KFOVJ		.071688	.070958	.070785	.069238	.069922	.070691	.071603	.070282	.070845	.070299	.068447	.070877	
141 KFJ		.016622	.016597	.016580	.016563	.016567	.016567	.016567	.016567	.016567	.016567	.016567	.016567	.016561
142 WO PD	LB/SEC	.122372	.132335	.132632	.129647	.127391	.127270	.127786	.127786	.127378	.127410	.127083	.127440	
143 WF PD	LB/SEC	.162731	.175986	.175080	.174216	.175875	.175190	.175327	.175866	.176072	.175622	.173794	.176981	
144 WT PD	LB/SEC	.285103	.308321	.307172	.303863	.303266	.302460	.303113	.302547	.303450	.303032	.300877	.304421	
145 MR PD		.751993	.751962	.757552	.744173	.724329	.726468	.728840	.720320	.723447	.725480	.731231	.720075	
146 19P PD	SECS	250.397	232.836	233.840	236.400	236.351	237.076	236.613	237.083	236.969	237.065	238.794	236.227	
147 CSTAR PD	FT/SEC	5906.59	5476.05	5494.58	5549.35	5544.27	5552.37	5543.72	5550.82	5535.13	5539.59	5575.67	5512.27	
149 ROVJ PD		307.735	257.905	242.063	257.026	268.702	239.770	276.065	274.846	267.629	261.976	266.636	260.577	
150 ROJ PD		5091.55	4317.94	4297.46	4489.25	4622.33	4654.72	4558.42	4649.39	4597.13	4601.64	4635.52	4604.80	
152 RFRV PD		-16.487	-14.067	-14.202	-14.339	-14.068	-14.176	-14.152	-14.065	-14.031	-14.104	-14.402	-13.886	
153 RFVJ PD		227.390	196.646	198.875	209.595	203.358	200.966	195.609	201.483	198.144	201.954	216.491	195.692	

TEST NO. LX01-D02-0A-105 100 LB ENGINE PERFORMANCE JDB J10-100LB A
 DATE 09-20-94 2116 HOURS DURATION 14.979 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP=.75"

J0014
 09-23-94
 13:59:19

RUN	DATA-PT	205.001	205.002	205.003	205.004	205.005	205.006	205.007	205.008	205.009	205.010	205.011	205.012	205.013
154	RFJ PD	4229.82	3594.31	3624.83	3669.72	3622.39	3658.14	3649.06	3626.43	3620.71	3639.24	3709.06	3584.53	
156	KOVJ PD	.057005	.062269	.064274	.062375	.061005	.064581	.060188	.060319	.061127	.061783	.061241	.061949	
157	KQJ PD	.014014	.015218	.015254	.014925	.014709	.014657	.014811	.014666	.014749	.014742	.014688	.014737	
160	KFVJ PD	.066315	.071311	.070910	.069007	.070124	.070541	.071500	.070450	.071041	.070368	.067964	.071485	
161	KFJ PD	.015376	.016680	.016609	.016508	.016615	.016534	.016554	.016606	.016619	.016577	.016420	.016703	
162	POVIT	304.161	304.304	304.427	303.788	302.690	302.327	302.220	302.135	302.104	301.974	301.960	301.926	
163	POJT	300.938	301.142	301.445	300.664	299.637	299.608	299.064	299.046	299.064	298.997	298.946	298.963	
164	PFRT	364.754	364.905	365.099	364.998	364.876	364.687	364.587	364.655	364.689	364.634	364.570	364.478	
165	PFVIT	365.189	365.340	365.533	365.432	365.310	365.121	365.021	365.089	365.123	365.068	365.004	364.913	
166	PFJT	359.189	359.264	359.450	359.071	359.032	358.965	359.018	358.868	358.991	358.850	358.476	358.793	
173	WC00L TRIP	.110642	.111507	.113025	.113427	.113451	.114628	.117057	.124880	.205432	.319642	.343244		
174	DT TRIP	1.07816	2.59243	3.82447	4.42588	4.85402	5.35228	5.25050	5.39025	5.12245	4.21930	4.11382	4.66635	
175	GTW	.119289	.289075	.432262	.502012	.550695	.613523	.614607	.673136	1.05232	1.34867	1.41204	4.666347	
176	WC00L NOZ	.089695	.089804	.090068	.090317	.090361	.091229	.092602	.095460	.112182	.153210	.150970	.126264	
177	DT NOZ	13.9768	35.8387	61.2118	79.7961	95.3423	109.162	119.521	131.932	158.266	194.409	190.425	168.493	
178	GNW	1.25364	3.21846	5.51322	7.20692	8.61523	9.95879	11.0678	12.5942	17.7546	29.7855	28.7484	21.2746	

09-23-94
13:59:19

TEST NO. LYDI-D02-0A-105 DATE 09-20-94 2116 HOURS DURATION 14.979 SECONDS
CONFIG: A CHAMBER P/N 1208172-2 HTRIP-.25" LTRIP=.75"

RUN DATA-PT		205.014 205.015 205.016 205.017									
		12.0000 13.0000 14.0000 2.00000									
		13.0000 14.0000 14.7790 14.7790									
		21.1600 21.1600 21.1600 21.1600									
		.088877 .088890 .088863 .089252									
		.088830 .088819 .088768 .089208									
		.175032 .175140 .175131 .175043									
		.174918 .175014 .175027 .174973									
		.110228 .108274 .107921 .109008									
		256.460 256.536 256.539 256.500									
		326.141 326.155 326.220 325.957									
		.000118 .000106 .000121 .000097									
		301.211 301.146 301.022 301.714									
		246.518 246.475 246.350 246.985									
		364.384 364.272 364.163 364.565									
		298.130 298.049 297.887 298.628									
		357.131 357.228 357.043 357.504									
		.019487 .029873 .011530 .016547									
		.009977 .014132 .016192 .019580									
		66.6805 66.7414 66.7504 66.6576									
		66.7014 66.7604 66.7532 66.6574									
		301.106 300.973 300.866 301.567									
		1019.06 1019.10 1019.09 1019.09									
		77.5985 77.6793 77.7985 77.3586									
		1012.12 1071.56 1121.15 732.752									
		77.7949 77.7766 77.7536 77.8108									
		78.3278 78.3279 78.4720 78.5159									
		.126601 .126573 .131652 .128143									
		.175803 .175765 .182567 .176082									
		64.7434 64.6874 64.7219 64.7335									
		371.305 371.298 371.093 371.518									
		30.4493 30.4591 30.4684 30.3809									
		84.9262 85.0116 84.9376 84.2363									
		1.14207 1.23031 1.31600 .790109									
		2.20922 2.38335 2.55347 1.51775									
		77.5156 77.7162 78.0493 76.9539									
		81.1318 81.3677 81.5215 80.1107									
		.138905									
		.354554 .351758									
		14.8815 14.8699 14.8751 14.8720									
		1453.17 1453.16 1453.19 1453.28									
		81.6106 81.7125 81.7740 80.8294									
		82.4147 82.4549 82.5012 82.1949									
		186.196 203.037 219.779 134.603									
		76.1843 76.1295 76.0958 76.1131									
		230.530 229.241 228.302 212.191									
		77.1268 77.1389 77.1110 77.1103									
		82.4230 82.6406 82.8357 82.0268									
		1515.23 1531.77 1537.33 1477.52									
		353.708 356.191 359.781 353.065									
		1749.87 1752.62 1750.24 1713.13									
		347.530 348.248 349.097 346.051									

RUN	DATA-PT	205.014	205.015	205.016	205.017
88	TH-5	1683.31	1702.47	1714.68	1579.74
89	TH-6	456.568	507.221	584.061	401.760
90	W0 TURB FM	.126738	.126750	.126672	.127385
91	W0 TURB FM	.175265	.175364	.175363	.175315
92	W0 TURB FM	.723126	.722788	.722348	.726624
99	W0 TURB FM	12.5000	13.5000	14.3895	8.38950
100	AT	.211560	.211560	.211560	.211560
101	AE	.354670	.354670	.354670	.354670
102	PA	14.5287	14.5287	14.5287	14.5287
103	NO CONTENT	1.60000	1.60000	1.60000	1.60000
104	F ZERO	-.02471	-.02471	-.02471	-.02471
105	W0	.126658	.126654	.126593	.127221
106	W0	.175262	.175360	.175358	.175314
107	W0	.301920	.302014	.301951	.302535
108	MR	.722680	.722255	.721914	.725675
109	F SL	66.7156	66.7756	66.7765	66.6872
110	F VAC	71.8685	71.9285	71.9294	71.8401
111	ISP VAC	238.039	238.163	238.215	237.460
112	C STAR	5553.82	5551.12	5549.47	5553.02
113	CF	1.37802	1.37941	1.38013	1.37487
114	XDIFF F	-.031453	-.028407	-.004309	-.014765
115	XDIFF FMD	-.05291	-.07970	-.10662	-.05012
116	XDIFF FMF	-.06554	-.07199	-.05930	-.04016
119	XDIFF FMD PD %	-.04522	-.06452	3.99582	.724590
120	XDIFF FMD PD %	.309014	.230970	4.11127	.438185
121	SGD	1.42547	1.42541	1.42535	1.42577
122	SGF	1.00164	1.00162	1.00159	1.00175
123	SGDJ	1.43089	1.43089	1.43070	1.43065
124	SGFRI	1.00164	1.00162	1.00159	1.00175
125	SGFJ	1.00162	1.00160	1.00158	1.00174
126	AVSGF	1.00163	1.00161	1.00159	1.00174
127	AVSGD	1.42818	1.42815	1.42802	1.42821
129	ROVJ	267.752	269.069	272.832	265.455
130	ROJ	4667.52	4664.42	4664.88	4628.65
132	RFRV	-14.159	-14.144	-14.143	-14.154
133	RFVJ	209.519	202.454	204.894	203.161
134	RFJ	3650.35	3650.76	3648.82	3645.51
136	KOVJ	.061113	.060963	.060541	.061377
137	KOJ	.014637	.014642	.014641	.014699
140	KFVJ	.069086	.070281	.069861	.070158
141	KFJ	.016551	.016550	.016555	.016562
142	W0 PD	.126601	.126573	.131652	.128143
143	W0 PD	.175803	.175765	.182567	.176082
144	W0 PD	.302404	.302338	.314219	.304225
145	MR PD	.720128	.720126	.721113	.727744
146	ISP PD	237.657	237.908	228.915	236.141
147	CSTAR PD	5544.93	5545.19	5332.80	5522.17
149	ROVJ PD	267.994	269.417	252.269	261.649
150	ROJ PD	4671.74	4670.45	4313.29	4562.29
152	RFRV PD	-14.072	-14.079	-13.048	-14.031
153	RFVJ PD	208.230	201.522	189.032	201.393

TEST NO. LXD1-D02-0A-105 DATE 09-20-94 2116 HOURS DURATION 14.979 SECONDS
CONFIG: A CHAMBER F/N 1208172-2 HTRIP-.25" LTRIP=.75"

J0014
09-23-94
13:59:19

RUN.DATA-PT

154 RFJ PD	205.014	205.015	205.016	205.017
156 KOVJ PD	3627.89	3633.95	3366.33	3613.77
157 KOJ PD	.061085	.060924	.062961	.061822
160 KVVJ PD	.014631	.014633	.015226	.014805
161 KFJ PD	.069299	.070443	.072733	.070466
162 FQVIT	.016602	.016589	.017235	.016635
163 FOJT	301.855	301.789	301.665	302.358
164 PFRIT	298.847	298.767	298.604	299.350
165 FVIT	364.454	364.341	364.232	364.635
166 PFJT	364.888	364.776	364.666	365.069
173 WCOOL TRIP	358.463	358.560	358.376	358.836
174 DT TRIP	500000.	500000.		.150229
175 QTW	5.29614	5.50166	5.72473	4.91656
176 WCOOL NOZ	2648070	2750830	5724726	738609
177 DT NOZ	.110228	.108274	.107921	.109008
178 QNW	154.345	153.111	152.207	136.077
	17.0131	16.5779	16.4263	14.8335

RUN DATA-PT

0 START TIME

1 STOP TIME

2 TIME OF DAY

HRS. MIN

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LB-W

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1 STOP TIME

2 TIME OF DAY

HRS. MIN

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RUN-DATE-PT		206.001	206.002	206.003	206.004	206.005	206.006	206.007	206.008	206.009	206.010	206.011	206.012	206.013
88 TH-5	DEG F	74.4767	413.513	989.593	1494.05	1674.44	1698.44	1711.92	1720.15	1734.31	1762.21	1804.75	1843.52	1842.93
89 TH-6	DEG F	74.8496	333.602	395.537	412.871	451.607	536.065	609.285	752.473	942.756	1109.13	1253.86	1408.57	1502.17
90 WD TURB FM	LB/SEC-F	.247377	.155664	.153675	.151498	.150975	.150400	.150253	.150165	.150066	.150071	.150052	.150032	.149829
91 WD TURB FM	LB/SEC-F	.247377	.149832	.148911	.149341	.149474	.149852	.149916	.149916	.149954	.149958	.149991	.150037	.150139
92 MR TURB FM	LB/SEC-F	.247377	1.03891	1.03200	1.01452	1.01001	1.00365	1.00223	1.00166	1.00076	1.00074	1.00041	.999964	.997932
99 MIDPT	SG.IN.	.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	
100 AT	SG.IN.	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560	.211560
101 AE	PSIA	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670
102 PA	PERCENT	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	LB/SEC	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LB/SEC-P	.00590	.00590	.00590	.00590	.00590	.00590	.00590	.00590	.00590	.00590	.00590	.00590	.00590
105 WD	LB/SEC-P	.155705	.153360	.151130	.150706	.150706	.150706	.150044	.149990	.149885	.149914	.149920	.149898	.149707
106 WF	LB/SEC-P	.149828	.148917	.149337	.149477	.149850	.149914	.149919	.149955	.149991	.149991	.150033	.150136	
107 WT	LB/SEC-P	.305334	.302277	.300468	.300183	.300022	.299958	.299909	.299850	.299889	.299911	.299933	.299844	
108 MR	LB/SEC-P	1.03922	1.02983	1.01201	1.00822	1.00214	1.00087	1.00047	.999601	.999730	.999521	.999088	.997144	
109 F SL	LB/SEC	67.1148	67.4461	67.4225	67.3469	67.2381	67.2300	67.2306	67.2635	67.2630	67.2938	67.2210	67.2280	
110 F VAC	LB/SEC	72.2677	72.5990	72.5754	72.4998	72.3910	72.3829	72.3835	72.4184	72.4192	72.4467	72.3739	72.3809	
111 ISP VAC	SECS	236.529	240.174	241.542	241.518	241.286	241.310	241.352	241.515	241.492	241.561	241.300	241.395	
112 C STAR	FT/SEC	5572.59	5638.74	5664.67	5660.40	5653.95	5651.46	5650.15	5647.66	5647.30	5643.71	5641.10	5639.49	
113 CF	PERCENT	1.36468	1.36945	1.37094	1.37184	1.37209	1.37283	1.37338	1.37492	1.37467	1.37614	1.37529	1.37623	
114 XDIF F	PERCENT	.001864	.005430	.01972	.03124	.02799	.02799	.03690	.01310	.02575	.04482	.00402	.00687	
115 XDIF FMD	PERCENT	.167786	.089947	.094027	.033994	.031207	.021618	.005136	.002555	.029155	.04464	.023810	.031751	
116 XDIF FMF	PERCENT	.084562	.065939	.073792	.00181	.007149	.003478	.00937	.014066	.062334	.007021	.01808	.034785	
119 XDIF FMD PD %	PERCENT	-7.9515	-.08879	1.02513	-.10728	.992980	-.00232	.552940	.567455	.436436	-.04740	-.33308	-.68754	
120 XDIF FMF PD %	PERCENT	-6.4567	.195614	-.12947	.595279	-.42467	.048844	.305490	-.04098	.079030	.162472	-.25707	-.29059	
121 SGO	SG	1.43411	1.43106	1.42928	1.42870	1.42870	1.42808	1.42772	1.42772	1.42772	1.42772	1.42772	1.42772	
122 SGF	SG	1.00473	1.00358	1.00293	1.00271	1.00259	1.00253	1.00248	1.00241	1.00238	1.00234	1.00232	1.00233	
123 SGOJ	SG	1.43217	1.43276	1.43339	1.43368	1.43405	1.43415	1.43406	1.43402	1.43402	1.43402	1.43395	1.43381	
124 SGFR1	SG	1.00473	1.00358	1.00293	1.00271	1.00259	1.00253	1.00248	1.00241	1.00238	1.00234	1.00232	1.00233	
125 SGFJ	SG	1.00472	1.00358	1.00292	1.00271	1.00258	1.00252	1.00247	1.00241	1.00237	1.00233	1.00231	1.00232	
126 AVSGF	SG	1.00472	1.00358	1.00292	1.00271	1.00258	1.00252	1.00247	1.00241	1.00237	1.00233	1.00231	1.00232	
127 AVSGO	SG	1.43314	1.43191	1.43133	1.43119	1.43112	1.43113	1.43111	1.43098	1.43097	1.43087	1.43080	1.43074	
129 ROVJ	SG	269.083	275.854	276.145	279.748	280.579	280.087	281.148	283.829	280.272	281.152	281.327	281.786	
130 ROJ	SG	4313.51	4421.27	4503.62	4529.06	4556.83	4574.11	4578.90	4587.66	4583.84	4584.87	4586.43	4590.61	
132 RFRV	SG	-19.495	-19.689	-19.553	-19.508	-19.406	-19.387	-19.384	-19.372	-19.370	-19.360	-19.347	-19.323	
133 RFVJ	SG	187.581	201.211	195.921	205.353	198.113	198.851	197.410	196.710	198.669	199.033	200.745	196.450	
134 RFJ	SG	3649.30	3661.40	3669.33	3669.86	3668.14	3665.41	3666.32	3668.02	3667.96	3668.53	3668.37	3670.93	
136 KOVJ	SG	.060962	.060209	.060177	.059788	.059700	.059752	.059732	.059639	.059732	.059639	.059620	.059572	
137 KOJ	SG	.015226	.015039	.014901	.014859	.014814	.014786	.014778	.014764	.014770	.014768	.014766	.014759	
140 KFVJ	SG	.073014	.070497	.071443	.069783	.071047	.070915	.071173	.071300	.070947	.070882	.070579	.071347	
141 KFJ	SG	.016554	.016526	.016508	.016507	.016511	.016517	.016515	.016510	.016512	.016510	.016511	.016505	
142 WD PD	LB/SEC	.143324	.153323	.152680	.150544	.151663	.150041	.150819	.150746	.150569	.149848	.149399	.148678	
143 WF PD	LB/SEC	.140154	.149208	.149144	.150367	.149214	.149987	.150377	.149894	.150073	.150235	.149649	.149700	
144 WT PD	LB/SEC	.283479	.302432	.301824	.300912	.300877	.300028	.301196	.300640	.300642	.300083	.299048	.298378	
145 MR PD	SECS	1.02762	1.02691	1.02371	1.00118	1.01641	1.00036	1.00294	1.00569	1.00330	.997427	.998327	.993175	
146 ISP PD	FT/SEC	254.932	240.051	240.934	240.600	241.254	240.881	240.871	241.422	242.014	242.581	242.581	242.581	
147 CSTAR PD	FT/SEC	6006.14	5635.85	5639.22	5646.70	5637.89	5650.14	5626.00	5632.79	5640.46	5637.80	5657.19	5667.19	
149 ROVJ PD	SG	317.581	276.345	270.569	280.349	275.088	280.100	278.065	280.635	277.842	281.418	283.210	285.701	
150 ROJ PD	SG	5090.94	4429.14	4412.68	4538.80	4467.67	4574.32	4528.68	4536.03	4544.09	4589.22	4617.13	4654.39	
152 RFRV PD	SG	-22.279	-19.612	-19.603	-19.277	-19.572	-19.368	-19.267	-19.388	-19.340	-19.298	-19.447	-19.436	
153 RFVJ PD	SG	214.370	200.427	196.429	202.930	199.807	198.657	196.209	196.871	198.355	198.388	201.781	197.596	

FILE HHIFC

TEST NO. LXDI-002-0A-106 100 LB ENGINE PERFORMANCE JOB J10 100LB A
 DATE 09-20-94 2200 HOURS DURATION 14.990 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.75"

J0014
 09-23-94
 14:36:44

RUN, DATA-PT	206.001	206.002	206.003	206.004	206.005	206.006	206.007	206.008	206.009	206.010	206.011	206.012	206.013
154 RFJ PD	4170.47	3647.12	3678.84	3626.56	3699.50	3661.84	3644.02	3671.03	3662.17	3656.64	3687.31	3692.36	
156 KOVJ PD	.056114	.060155	.060794	.059724	.060293	.059751	.059969	.059694	.059993	.059611	.059422	.059162	
157 KOJ PD	.014015	.015026	.015054	.014843	.014961	.014786	.014860	.014848	.014835	.014761	.014717	.014658	
160 KVVJ PD	.068300	.070635	.071350	.070198	.070745	.070949	.071391	.071270	.071003	.070997	.070398	.071139	
161 KFJ PD	.015485	.016559	.016487	.016606	.016441	.016525	.016566	.016505	.016525	.016537	.016468	.016457	
162 FOVIT	327.884	327.691	326.399	325.592	325.474	325.437	325.370	325.300	325.200	325.117	325.030	324.771	
163 FOJT	323.332	323.160	321.992	321.553	321.053	321.031	320.950	320.844	320.798	320.701	320.612	320.356	
164 FFRIT	335.604	335.501	335.745	335.722	335.544	335.415	335.314	335.226	335.272	335.214	335.205	335.137	
165 FFRIT	336.040	335.936	336.179	336.157	335.979	335.850	335.749	335.661	335.706	335.648	335.640	335.571	
166 PFJT	331.849	331.490	331.823	331.581	331.541	331.392	331.323	331.248	331.249	331.181	331.131	331.154	
173 WCDOL TRIP	.108014	.109064	.110496	.110982	.111566	.114060	.120206	.193621	.306075	500000.			
174 DT TRIP	.953751	2.48323	3.63360	4.29623	4.77216	5.11324	5.18694	4.99272	4.04147	3.96996	4.36995	5.08441	
175 GTW	.103019	.270832	.401498	.476802	.532411	.583214	.623503	.966695	1.23699	1984980	4369945	2542204	
176 WCDOL NOZ	.085510	.085704	.085778	.087414	.087929	.088464	.091130	.109386	.150827	.150469	.130013	.110137	
177 DT NOZ	15.2837	40.5588	67.9495	87.8034	104.458	117.859	130.331	156.746	193.706	191.025	174.425	157.743	
178 ONW	1.30691	3.47604	5.82858	7.67523	9.18483	10.4263	11.8771	17.1457	29.2161	28.7433	22.6775	17.3734	

TEST NO. LXDI-D02-0A-106 100 LB ENGINE PERFORMANCE JOB J10_100LB_A
 DATE 09-20-94 2200 HOURS DURATION 14.990 SECONDS
 CONFIG: A CHAMBER F/N 1208172-2 HTRIP=.25" LTRIP=.75"

J0014
 09-23-94
 14:36:44

RUN DATA-PT

206.014 206.015 206.016 206.017

0	START TIME	12.0000	13.0000	14.0000	2.00000
1	STOP TIME	13.0000	14.0000	14.7900	14.7900
2	TIME OF DAY	22.0000	22.0045	22.0100	22.0012
4	FMD-1	LB-W	1.05083	1.05234	1.05442
5	FMD-2	LB-W	1.05109	1.05274	1.05469
6	FMF-1	LB-W	1.149685	1.149611	1.149546
7	FMF-2	LB-W	1.149648	1.149588	1.149577
8	FMNW-1	LB-W	1.105769	1.105505	1.105946
9	POTR	PSIA	254.180	254.154	254.197
10	PFTF	PSIA	257.075	257.098	257.094
11	FMNW-2	LB-W	1.000121	1.000116	1.000131
12	POVI	PSIA	324.267	324.602	324.679
15	PC-1	PSIA	248.566	248.769	248.675
16	PFV1	PSIA	335.117	335.095	335.092
17	POJ	PSIA	319.626	319.929	320.045
18	PFJ	PSIA	329.993	330.079	330.021
19	FCAL-A	LBS	1.000263	1.002123	1.002596
20	FCAL-B	LBS	1.001176	1.005550	1.00446
21	FA	LBS	67.1732	67.2576	67.3078
22	FB	LBS	67.1729	67.2404	67.2909
27	POL-1	PSIA	324.176	324.516	324.597
29	PHE	PSIA	1018.34	1018.39	1018.40
30	TJB-3	DEG F	76.3041	76.4454	76.6163
31	TCN-1	DEG F	1104.93	1143.79	708.381
35	TCCELL	DEG F	75.4528	75.4398	75.4621
50	TOV	DEG F	76.4510	76.7711	76.8483
52	WOPDFM	LB/SEC-P	1.150442	1.151083	1.157328
53	WEPDFM	LB/SEC-P	1.150403	1.151142	1.156790
54	POTS	PSIA	57.1693	57.0886	57.1263
55	PEL	PSIA	341.044	341.025	341.059
56	VTCV	VOLTS	30.4971	30.5058	30.5148
57	TEVI	DEG F	84.1842	84.1108	84.2165
58	WOPDFM	LBS	1.33762	1.44218	1.54578
59	WEPDFM	LBS	1.88836	2.03761	2.18471
68	TJB-1	DEG F	75.9335	76.1554	76.4290
69	TJB-2	DEG F	79.2171	79.4410	79.6585
73	FTW-1	LB-W	1.353525	1.353724	1.33113
74	FTW-2	LB-W	14.9266	14.9271	14.9216
75	PHU	PSIA	1457.61	1457.57	1457.57
76	PHHE	PSIA	80.1392	80.1813	80.2497
77	TOFM	DEG F	81.0080	80.9898	81.0595
78	TFEM	DEG F	214.937	235.955	258.013
79	TFB-1	DEG F	75.4840	75.4077	75.3919
80	TNWI	DEG F	229.091	228.615	229.291
81	TNWD	DEG F	76.4530	76.3217	76.3144
82	TTWI	DEG F	82.0249	82.3366	82.6009
83	TTWD	DEG F	1928.83	1941.28	1958.33
84	TH-1	DEG F	1331.51	1456.78	1573.13
85	TH-2	DEG F	1583.17	1593.86	1620.07
86	TH-3	DEG F	353.638	357.294	371.872
87	TH-4	DEG F	353.638	357.294	371.872

FILE NHIPC

TEST NO. LXD1-D02-0A-106 100 LB ENGINE PERFORMANCE JOB J10 100LB A
 DATE 09-20-94 2200 HOURS- DURATION 14.990 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.75"

J0014
 09-23-94
 14:36:44

RUN, DATA-PT

206.014 206.015 206.016 206.017

88 TH-5	DEG F	1829.37	1832.62	1824.63	1752.59
89 TH-6	DEG F	1575.30	1639.80	1679.00	1071.71
90 WD TURB FM	LB/SEC-P	.150160	.150368	.150656	.150350
91 WF TURB FM	LB/SEC-P	.150019	.149934	.149904	.149880
92 MR TURB FM		1.00094	1.00290	1.00502	1.00314
99 MIDPT		12.5000	13.5000	14.3950	8.39500
100 AT	SO.IN.	.211560	.211560	.211560	.211560
101 AE	SO.IN.	.354670	.354670	.354670	.354670
102 PA	PSIA	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.00590	-.00590	-.00590	-.00590
105 WD	LB/SEC-P	.150032	.150261	.150539	.150172
106 WF	LB/SEC-P	.150009	.149943	.149900	.149879
107 WT	LB/SEC-P	.300041	.300204	.300439	.300052
108 MR		1.00015	1.00212	1.00426	1.00196
109 F SL	LBS	67.1789	67.2549	67.3053	67.2679
110 F VAC	LBS	72.3318	72.4078	72.4582	72.4208
111 ISP VAC	SECS	241.073	241.195	241.174	241.361
112 C STAR	FT/SEC	5635.02	5636.57	5630.04	5646.14
113 CF		1.37548	1.37580	1.37728	1.37441
114 XDIFF F	PERCENT	-.00050	-.02552	-.02511	-.02089
115 XDIFF FHD	PERCENT	.024355	.037821	.025968	.031114
116 XDIFF FHF	PERCENT	-.02467	-.01560	.020676	.011831
119 XDIFF FHD PD %		.273417	.547163	4.50996	.633436
120 XDIFF FHF PD %		.262791	.799242	4.59452	.479031
121 SGO		1.42757	1.42760	1.42751	1.42800
122 SGF		1.00229	1.00230	1.00226	1.00245
123 SGOJ		1.43359	1.43317	1.43307	1.43376
124 SGFI		1.00229	1.00230	1.00226	1.00245
125 SGFJ		1.00228	1.00229	1.00225	1.00244
126 AVSGF		1.00229	1.00229	1.00226	1.00244
127 AVSGD		1.43058	1.43039	1.43029	1.43088
129 ROVJ		280.563	281.637	277.908	280.450
130 ROJ		4581.79	4572.92	4569.18	4569.18
132 RFRV		-19.353	-19.371	-19.381	-19.393
133 RFVJ		203.878	199.255	201.836	199.416
134 RFJ		3672.78	3670.77	3674.38	3669.33
136 KOVJ		.059701	.059587	.059986	.059713
137 KOJ		.014773	.014788	.014794	.014794
140 KVVJ		.070035	.070843	.070388	.070814
141 KFJ		.016501	.016505	.016497	.016508
142 WD PD	LB/SEC	.150442	.151083	.157328	.151124
143 WF PD	LB/SEC	.150403	.151142	.156790	.150597
144 WT PD	LB/SEC	.300846	.302225	.314118	.301721
145 MR PD		1.00026	.999612	1.00343	1.00350
146 ISP PD	SECS	240.428	239.583	230.672	240.026
147 CSTAR PD	FT/SEC	5619.95	5598.89	5384.86	5614.90
149 ROVJ PD		279.035	278.581	254.440	276.931
150 ROJ PD		4556.83	4523.28	4183.34	4511.84
152 RFRV PD		-19.252	-19.065	-17.715	-19.208
153 RFVJ PD		202.811	196.108	184.486	197.519

TEST NO. LXD1-D02-0A-106 100 LB ENGINE PERFORMANCE JOB J10-100LB-A
 DATE 09-20-94 2200 HOURS DURATION 14.990 SECONDS
 CONFIG: A CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.75"

J0014
 09-23-94
 14:36:44

RUN.DATA-PT

206.014 206.015 206.016 206.017

154 RFJ FD	3653.55	3612.79	3358.53	3634.43
156 KOVJ PD	.059865	.059913	.062691	.060092
157 KOJ PD	.014814	.014869	.015461	.014888
160 KEVJ PD	.070219	.071409	.073624	.071153
161 KFJ PD	.016544	.016637	.017255	.016588
162 FQVIT	324.922	325.257	325.333	325.354
163 PQJT	320.507	320.812	320.930	320.934
164 PFRIT	335.168	335.146	335.143	335.325
165 PFVIT	335.603	335.580	335.578	335.760
166 PEJT	331.025	331.111	331.053	331.291
173 WCOOL TRIP	500000.	500000.		.149343
174 DT TRIP	5.57185	6.01492	6.28651	4.88448
175 QTW	2785925	3007456	6286501	.729464
176 WCOOL NOZ	.105769	.105505	.105946	.108358
177 DT NOZ	153.607	153.207	153.899	141.891
178 QNW	16.2469	16.1641	16.3049	15.3751

TEST NO. LXDI-002-0A-107 100 LB ENGINE PERFORMANCE JOB J10-100LB-A J0014
DATE 09-21-94 0016 HOURS DURATION 14.999 SECONDS 09-23-94
CONFIG: B CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75" 15:08:01

RUN.DATA-PT

0	START TIME	1	STOP TIME	2	TIME OF DAY		HRS.	MIN
4	FMD-1						LB-W	
5	FMD-2						LB-W	
6	FNF-1						LB-W	
7	FNF-2						LB-W	
8	FNW-1						PSIA	
9	POTR						PSIA	
10	PFTR						PSIA	
11	FNW-2						LB-W	
12	POVI						PSIA	
15	PC-1						PSIA	
16	PEVI						PSIA	
17	POV						PSIA	
18	PEJ						PSIA	
19	FCAL-A						LB9	
20	FCAL-B						LB9	
21	FA						LB9	
22	FB						LB9	
27	POL-1						PSIA	
29	PHE						PSIA	
30	TJB-3						DEG F	
31	TCN-1						DEG F	
35	ICELL						DEG F	
50	TOV						DEG F	
52	WOPDFM						LB/SEC-F	
53	WOPDFH						LB/SEC-F	
54	POTS						PSIA	
55	PFL						PSIA	
56	VCV						VOLTS	
57	TFVI						DEG F	
58	WOPDFM						LB9	
59	WOPDFH						LB9	
68	TJB-1						DEG F	
69	TJB-2						DEG F	
73	FMTW-1						LB-W	
74	FMTW-2						LB-W	
75	PHU						PSIA	
76	PVHE						PSIA	
77	TOFM						DEG F	
78	TFFM						DEG F	
79	TFB-1						DEG F	
80	TNW1						DEG F	
81	TNW0						DEG F	
82	TWI						DEG F	
83	TW0						DEG F	
84	TH-1						DEG F	
85	TH-2						DEG F	
86	TH-3						DEG F	
87	TH-4						DEG F	

207.001 207.002 207.003 207.004 207.005 207.006 207.007 207.008 207.009 207.010 207.011 207.012 207.013

[illegible]

RUN DATA-PT		207.001	207.002	207.003	207.004	207.005	207.006	207.007	207.008	207.009	207.010	207.011	207.012	207.013
88 TH-3	DEG F	74.1566	640.401	1152.05	1451.05	1593.48	1660.94	1742.77	1850.78	1924.16	1946.31	1961.09	1894.02	1828.09
89 TH-6	DEG F	74.0448	301.070	359.820	370.709	381.690	447.992	712.649	1057.33	1281.42	1411.34	1487.38	1515.19	1518.58
90 W0 TURB FM	LB/SEC-P	.249756	.135834	.134602	.134070	.133143	.132461	.132287	.132287	.131927	.132385	.132037	.131892	.132023
91 W0 TURB FM	LB/SEC-P	.249756	.166179	.165321	.165247	.164914	.165606	.165662	.165662	.165453	.165838	.165660	.165504	.165730
92 MR TURB FM	LB/SEC-P	.249756	.817396	.814185	.811333	.807346	.799873	.798809	.799117	.797370	.798279	.797032	.796911	.796615
99 MIDPT	SG.IN.	.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	
100 AT	SG.IN.	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370
101 AE	SG.IN.	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670
102 PA	PSIA	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LB8	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033
105 W0	LB/SEC-P	.135996	.134338	.133679	.132799	.132196	.132022	.132143	.131710	.132190	.131843	.131707	.131860	
106 WF	LB/SEC-P	.166180	.165313	.165236	.164921	.165591	.165613	.165662	.165443	.165836	.165654	.165523	.165719	
107 WT	LB/SEC-P	.302177	.299651	.298915	.297720	.297787	.297635	.297805	.297153	.298027	.297497	.297230	.297579	
108 MR	LB8	.818366	.812627	.809018	.805229	.798328	.797174	.797666	.796106	.797113	.795897	.795705	.795684	
109 F SL	LB8	65.5449	65.9203	66.1288	66.1538	65.9276	65.8777	65.7349	65.7971	65.6793	65.8146	65.8823	65.8626	
110 F VAC	LB8	70.6978	71.0732	71.2817	71.3067	71.0805	71.0306	70.8878	70.9500	70.8322	70.9675	71.0352	71.0155	
111 ISP VAC	SECS	233.962	237.186	238.468	239.509	238.696	238.650	238.034	238.766	237.671	238.549	238.991	238.644	
112 C STAR	FT/SEC	5609.25	5663.99	5689.94	5712.62	5691.91	5689.65	5673.81	5692.38	5665.14	5679.13	5684.49	5672.11	
113 CF	PERCENT	1.34104	1.34638	1.34749	1.34799	1.34831	1.34858	1.34886	1.34859	1.34886	1.35050	1.35173	1.35272	
114 XDIF F	PERCENT	.065101	.069421	-.00219	.023034	.000289	.013505	.040665	.000220	.030776	.019558	.060781	-.01710	
115 XDIF FMO	PERCENT	.090982	.039462	.032659	-.02567	-.05024	-.03692	-.03695	-.08311	-.07149	-.04806	-.04859	-.07968	
116 XDIF FHF	PERCENT	.134289	.098769	.038414	.087202	.064569	.046773	.049856	-.067941	.085092	.048872	.048876	.059548	
119 XDIF FMO PD %	PD %	-5.0672	-.34581	-.00641	.209313	1.24964	-.70752	.765565	.633562	.886154	.296275	.337718	.739770	
120 XDIF FHF PD %	PD %	-4.1563	-.89500	.404048	.360293	-.16794	.034155	-.19215	.016212	.243802	.020375	-.01485	.103136	
121 SGO	121 SGO	1.44117	1.43741	1.43562	1.43513	1.43468	1.43448	1.43436	1.43425	1.43425	1.43405	1.43397	1.43403	
122 SCF	122 SCF	1.00748	1.00606	1.00539	1.00521	1.00504	1.00497	1.00497	1.00489	1.00488	1.00481	1.00478	1.00480	
123 SCGJ	123 SCGJ	1.43957	1.43946	1.43962	1.44085	1.44100	1.44119	1.44138	1.44142	1.44149	1.44141	1.44154	1.44137	
124 SCFRI	124 SCFRI	1.00748	1.00606	1.00539	1.00521	1.00504	1.00497	1.00496	1.00492	1.00489	1.00488	1.00481	1.00478	
125 SCFJ	125 SCFJ	1.00747	1.00605	1.00538	1.00520	1.00503	1.00496	1.00491	1.00488	1.00487	1.00480	1.00477	1.00479	
126 AVSCF	126 AVSCF	1.00747	1.00606	1.00539	1.00520	1.00504	1.00496	1.00492	1.00488	1.00487	1.00480	1.00477	1.00479	
127 AVSCD	127 AVSCD	1.44037	1.43843	1.43762	1.43799	1.43784	1.43783	1.43783	1.43784	1.43787	1.43773	1.43775	1.43770	
129 ROVJ	269.363	267.754	265.841	273.686	271.780	278.667	274.702	272.355	273.555	274.196	281.936	272.893		
130 ROJ	4460.13	4540.28	4577.37	4601.18	4616.55	4612.74	4626.96	4631.79	4630.61	4637.27	4631.99	4638.48		
132 RFRV	-15.934	-16.055	-16.049	-16.105	-15.970	-15.962	-15.952	-15.952	-15.952	-15.951	-15.974	-15.937		
133 RFVJ	157.477	168.056	166.973	173.989	169.230	171.439	176.362	173.866	171.008	171.364	171.208	173.127		
134 RFJ	3630.47	3642.71	3641.89	3648.64	3645.76	3647.12	3653.85	3654.20	3653.13	3653.27	3656.37	3657.44		
136 KOVJ	.040930	.061113	.061332	.060447	.060658	.059904	.060335	.060594	.060461	.060391	.059556	.060535		
137 KOJ	.014974	.014841	.014781	.014742	.014718	.014724	.014701	.014694	.014695	.014685	.014693	.014683		
140 KFVJ	.079688	.077139	.077389	.075812	.076871	.076374	.075300	.075839	.076470	.076391	.076425	.076001		
141 KFJ	.016597	.016569	.016571	.016555	.016562	.016559	.016543	.016543	.016545	.016545	.016538	.016535		
142 W0 PD	.129105	.133873	.133670	.133077	.133848	.131088	.133154	.132545	.133362	.132234	.132152	.132835		
143 WF PD	.159273	.163834	.163670	.163077	.163513	.163569	.163344	.163470	.163470	.163470	.163470	.163470		
144 WT PD	.288378	.297707	.299574	.298592	.299160	.296757	.298498	.298014	.299603	.297921	.297650	.298725		
145 MR PD	.810589	.817130	.805710	.804017	.809664	.791264	.805320	.801020	.802221	.798093	.798511	.800744		
146 ISP PD	245.156	238.735	237.944	238.810	239.356	237.482	238.076	238.076	238.421	238.209	238.653	237.729		
147 CSTAR PD	5877.64	5700.97	5677.42	5695.94	5665.77	5706.48	5660.64	5675.93	5635.34	5671.04	5676.46	5650.34		
149 ROVJ PD	298.886	269.615	265.875	272.544	265.112	282.652	270.544	268.937	268.771	272.579	280.041	268.900		
150 ROJ PD	4948.98	4571.84	4577.96	4581.98	4503.30	4678.71	4556.92	4573.65	4549.62	4609.91	4600.86	4570.60		
152 RFRV PD	-17.346	-16.347	-15.920	-15.989	-16.034	-15.951	-16.013	-15.987	-15.987	-15.944	-15.944	-15.904		
153 RFVJ PD	171.432	171.105	165.632	172.742	165.799	171.322	177.042	173.810	170.177	171.294	171.259	172.770		

100 LB ENGINE PERFORMANCE JOB J10 100LB A
TEST NO. LXDI-D02-0A-107 DATE 09-21-94 0016 HOURS DURATION 14.999 SECONDS
CONFIG: R CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

RUN DATA-PT	207.001	207.002	207.003	207.004	207.005	207.006	207.007	207.008	207.009	207.010	207.011	207.012	207.013
154 RFJ PD	3952.18	3708.80	3612.64	3622.49	3658.03	3644.63	3667.93	3653.02	3635.38	3651.79	3657.45	3649.91	
156 KOVJ PD	.057843	.060901	.061328	.060573	.061417	.059480	.060797	.060978	.060997	.060569	.059757	.060982	
157 KOJ PD	.014215	.014790	.014780	.014773	.014902	.014620	.014814	.014787	.014826	.014728	.014743	.014792	
160 KVVJ PD	.076376	.076448	.077701	.076085	.076742	.076400	.075156	.075851	.076657	.076406	.076414	.076079	
161 KFJ PD	.015907	.016420	.016637	.016415	.016534	.016564	.016512	.016545	.016585	.016548	.016535	.016552	
162 FQVIT	309.001	308.848	309.216	308.760	307.529	307.178	306.854	306.760	306.729	306.678	306.592	306.456	
163 POUT	305.542	305.489	305.911	305.403	304.226	303.800	303.518	303.474	303.404	303.363	303.190	303.155	
164 PFRIT	351.635	351.647	352.093	352.084	351.887	351.795	351.630	351.566	351.495	351.455	351.385	351.463	
165 PFVIT	352.072	352.083	352.529	352.520	352.322	352.231	352.066	352.001	351.930	351.891	351.820	351.898	
166 PFJT	347.755	347.518	347.994	347.812	347.705	347.552	347.250	347.265	347.250	347.211	347.152	347.166	
173 WCOOL TRIP	.101287	.102430	.103850	.104234	.106114	.120986	.239091	500000.	500000.	500000.	500000.	500000.	
174 DT TRIP	1.11572	2.79258	4.14861	4.83849	5.23590	5.34840	4.63255	4.04875	4.40895	5.12399	5.81474	6.28756	
175 QTW	.113008	.286043	.430834	.504336	.555602	.647082	1.10760	2024374	2204474	2561995	1.88899	3143778	
176 WCOOL NOZ	.082816	.082351	.083042	.084146	.084783	.090296	.127864	.146805	.132849	.112629	.103257	.103031	
177 DT NOZ	14.4681	43.5330	77.2444	102.169	120.441	138.970	179.844	191.553	180.880	165.993	158.184	158.266	
178 QNW	1.19819	3.58496	6.41451	8.59715	10.2113	12.5484	22.9956	28.1209	24.0297	18.6957	16.3337	16.3064	

09-21-94-PT

207.014 207.015 207.016 207.017

0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN
4	FMO-1	LB-W	12.0000	13.0000	14.0000	2.00000	
5	FMO-2	LB-W	13.0000	14.0000	14.7990	14.7990	
6	FME-1	LB-W	14.0000	15.0000	16.0000	16.0000	
7	FME-2	LB-W	15.0000	16.0000	18.0000	18.0000	
8	FME-3	LB-W	16.0000	17.0000	19.0000	19.0000	
9	FME-4	LB-W	17.0000	18.0000	20.0000	20.0000	
10	FME-5	LB-W	18.0000	19.0000	21.0000	21.0000	
11	FME-6	LB-W	19.0000	20.0000	22.0000	22.0000	
12	FME-7	LB-W	20.0000	21.0000	23.0000	23.0000	
13	FME-8	LB-W	21.0000	22.0000	24.0000	24.0000	
14	FME-9	LB-W	22.0000	23.0000	25.0000	25.0000	
15	FME-10	LB-W	23.0000	24.0000	26.0000	26.0000	
16	FME-11	LB-W	24.0000	25.0000	27.0000	27.0000	
17	FME-12	LB-W	25.0000	26.0000	28.0000	28.0000	
18	FME-13	LB-W	26.0000	27.0000	29.0000	29.0000	
19	FME-14	LB-W	27.0000	28.0000	30.0000	30.0000	
20	FME-15	LB-W	28.0000	29.0000	31.0000	31.0000	
21	FME-16	LB-W	29.0000	30.0000	32.0000	32.0000	
22	FME-17	LB-W	30.0000	31.0000	33.0000	33.0000	
23	FME-18	LB-W	31.0000	32.0000	34.0000	34.0000	
24	FME-19	LB-W	32.0000	33.0000	35.0000	35.0000	
25	FME-20	LB-W	33.0000	34.0000	36.0000	36.0000	
26	FME-21	LB-W	34.0000	35.0000	37.0000	37.0000	
27	FME-22	LB-W	35.0000	36.0000	38.0000	38.0000	
28	FME-23	LB-W	36.0000	37.0000	39.0000	39.0000	
29	FME-24	LB-W	37.0000	38.0000	40.0000	40.0000	
30	FME-25	LB-W	38.0000	39.0000	41.0000	41.0000	
31	FME-26	LB-W	39.0000	40.0000	42.0000	42.0000	
32	FME-27	LB-W	40.0000	41.0000	43.0000	43.0000	
33	FME-28	LB-W	41.0000	42.0000	44.0000	44.0000	
34	FME-29	LB-W	42.0000	43.0000	45.0000	45.0000	
35	FME-30	LB-W	43.0000	44.0000	46.0000	46.0000	
36	FME-31	LB-W	44.0000	45.0000	47.0000	47.0000	
37	FME-32	LB-W	45.0000	46.0000	48.0000	48.0000	
38	FME-33	LB-W	46.0000	47.0000	49.0000	49.0000	
39	FME-34	LB-W	47.0000	48.0000	50.0000	50.0000	
40	FME-35	LB-W	48.0000	49.0000	51.0000	51.0000	
41	FME-36	LB-W	49.0000	50.0000	52.0000	52.0000	
42	FME-37	LB-W	50.0000	51.0000	53.0000	53.0000	
43	FME-38	LB-W	51.0000	52.0000	54.0000	54.0000	
44	FME-39	LB-W	52.0000	53.0000	55.0000	55.0000	
45	FME-40	LB-W	53.0000	54.0000	56.0000	56.0000	
46	FME-41	LB-W	54.0000	55.0000	57.0000	57.0000	
47	FME-42	LB-W	55.0000	56.0000	58.0000	58.0000	
48	FME-43	LB-W	56.0000	57.0000	59.0000	59.0000	
49	FME-44	LB-W	57.0000	58.0000	60.0000	60.0000	
50	FME-45	LB-W	58.0000	59.0000	61.0000	61.0000	
51	FME-46	LB-W	59.0000	60.0000	62.0000	62.0000	
52	FME-47	LB-W	60.0000	61.0000	63.0000	63.0000	
53	FME-48	LB-W	61.0000	62.0000	64.0000	64.0000	
54	FME-49	LB-W	62.0000	63.0000	65.0000	65.0000	
55	FME-50	LB-W	63.0000	64.0000	66.0000	66.0000	
56	FME-51	LB-W	64.0000	65.0000	67.0000	67.0000	
57	FME-52	LB-W	65.0000	66.0000	68.0000	68.0000	
58	FME-53	LB-W	66.0000	67.0000	69.0000	69.0000	
59	FME-54	LB-W	67.0000	68.0000	70.0000	70.0000	
60	FME-55	LB-W	68.0000	69.0000	71.0000	71.0000	
61	FME-56	LB-W	69.0000	70.0000	72.0000	72.0000	
62	FME-57	LB-W	70.0000	71.0000	73.0000	73.0000	
63	FME-58	LB-W	71.0000	72.0000	74.0000	74.0000	
64	FME-59	LB-W	72.0000	73.0000	75.0000	75.0000	
65	FME-60	LB-W	73.0000	74.0000	76.0000	76.0000	
66	FME-61	LB-W	74.0000	75.0000	77.0000	77.0000	
67	FME-62	LB-W	75.0000	76.0000	78.0000	78.0000	
68	FME-63	LB-W	76.0000	77.0000	79.0000	79.0000	
69	FME-64	LB-W	77.0000	78.0000	80.0000	80.0000	
70	FME-65	LB-W	78.0000	79.0000	81.0000	81.0000	
71	FME-66	LB-W	79.0000	80.0000	82.0000	82.0000	
72	FME-67	LB-W	80.0000	81.0000	83.0000	83.0000	
73	FME-68	LB-W	81.0000	82.0000	84.0000	84.0000	
74	FME-69	LB-W	82.0000	83.0000	85.0000	85.0000	
75	FME-70	LB-W	83.0000	84.0000	86.0000	86.0000	
76	FME-71	LB-W	84.0000	85.0000	87.0000	87.0000	
77	FME-72	LB-W	85.0000	86.0000	88.0000	88.0000	
78	FME-73	LB-W	86.0000	87.0000	89.0000	89.0000	
79	FME-74	LB-W	87.0000	88.0000	90.0000	90.0000	
80	FME-75	LB-W	88.0000	89.0000	91.0000	91.0000	
81	FME-76	LB-W	89.0000	90.0000	92.0000	92.0000	
82	FME-77	LB-W	90.0000	91.0000	93.0000	93.0000	
83	FME-78	LB-W	91.0000	92.0000	94.0000	94.0000	
84	FME-79	LB-W	92.0000	93.0000	95.0000	95.0000	
85	FME-80	LB-W	93.0000	94.0000	96.0000	96.0000	
86	FME-81	LB-W	94.0000	95.0000	97.0000	97.0000	
87	FME-82	LB-W	95.0000	96.0000	98.0000	98.0000	
88	FME-83	LB-W	96.0000	97.0000	99.0000	99.0000	
89	FME-84	LB-W	97.0000	98.0000	100.0000	100.0000	
90	FME-85	LB-W	98.0000	99.0000	101.0000	101.0000	
91	FME-86	LB-W	99.0000	100.0000	102.0000	102.0000	
92	FME-87	LB-W	100.0000	101.0000	103.0000	103.0000	
93	FME-88	LB-W	101.0000	102.0000	104.0000	104.0000	
94	FME-89	LB-W	102.0000	103.0000	105.0000	105.0000	
95	FME-90	LB-W	103.0000	104.0000	106.0000	106.0000	
96	FME-91	LB-W	104.0000	105.0000	107.0000	107.0000	
97	FME-92	LB-W	105.0000	106.0000	108.0000	108.0000	
98	FME-93	LB-W	106.0000	107.0000	109.0000	109.0000	
99	FME-94	LB-W	107.0000	108.0000	110.0000	110.0000	
100	FME-95	LB-W	108.0000	109.0000	111.0000	111.0000	
101	FME-96	LB-W	109.0000	110.0000	112.0000	112.0000	
102	FME-97	LB-W	110.0000	111.0000	113.0000	113.0000	
103	FME-98	LB-W	111.0000	112.0000	114.0000	114.0000	
104	FME-99	LB-W	112.0000	113.0000	115.0000	115.0000	
105	FME-100	LB-W	113.0000	114.0000	116.0000	116.0000	
106	FME-101	LB-W	114.0000	115.0000	117.0000	117.0000	
107	FME-102	LB-W	115.0000	116.0000	118.0000	118.0000	
108	FME-103	LB-W	116.0000	117.0000	119.0000	119.0000	
109	FME-104	LB-W	117.0000	118.0000	120.0000	120.0000	
110	FME-105	LB-W	118.0000	119.0000	121.0000	121.0000	
111	FME-106	LB-W	119.0000	120.0000	122.0000	122.0000	
112	FME-107	LB-W	120.0000	121.0000	123.0000	123.0000	
113	FME-108	LB-W	121.0000	122.0000	124.0000	124.0000	
114	FME-109	LB-W	122.0000	123.0000	125.0000	125.0000	
115	FME-110	LB-W	123.0000	124.0000	126.0000	126.0000	
116	FME-111	LB-W	124.0000	125.0000	127.0000	127.0000	
117	FME-112	LB-W	125.0000	126.0000	128.0000	128.0000	
118	FME-113	LB-W	126.0000	127.0000	129.0000	129.0000	
119	FME-114	LB-W	127.0000	128.0000	130.0000	130.0000	
120	FME-115	LB-W	128.0000	129.0000	131.0000	131.0000	
121	FME-116	LB-W	129.0000	130.0000	132.0000	132.0000	
122	FME-117	LB-W	130.0000	131.0000	133.0000	133.0000	
123	FME-118	LB-W	131.0000	132.0000	134.0000	134.0000	
124	FME-119	LB-W	132.0000	133.0000	135.0000	135.0000	
125	FME-120	LB-W	133.0000	134.0000	136.0000	136.0000	
126	FME-121	LB-W	134.0000	135.0000	137.0000	137.0000	
127	FME-122	LB-W	135.0000	136.0000	138.0000	138.0000	
128	FME-123	LB-W	136.0000	137.0000	139.0000	139.0000	
129	FME-124	LB-W	137.0000	138.0000	140.0000	140.0000	
130	FME-125	LB-W	138.0000	139.0000	141.0000	141.0000	
131	FME-126	LB-W	139.0000	140.0000	142.0000	142.0000	
132	FME-127	LB-W	140.0000	141.0000	143.0000	143.0000	
133	FME-128	LB-W	141.0000	142.0000	144.0000	144.0000	
134	FME-129	LB-W	142.0000	143.0000	145.0000	145.0000	
135	FME-130	LB-W	143.0000	144.0000	146.0000	146.0000	
136	FME-131	LB-W	144.0000	145.0000	147.0000	147.0000	
137	FME-132	LB-W	145.0000	146.0000	148.0000	148.0000	
138	FME-133	LB-W	146.0000	147.0000	149.0000	149.0000	
139	FME-134	LB-W	147.0000	148.0000	150.0000	150.0000	
140	FME-135	LB-W	148.0000	149.0000	151.0000	151.0000	
141	FME-136	LB-W	149.0000	150.0000	152.0000	152.0000	
142	FME-137	LB-W	150.0000	151.0000	153.0000	153.0000	
143	FME-138	LB-W	151.0000	152.0000	154.0000	154.0000	
144	FME-139	LB-W	152.0000	153.0000	155.0000	155.0000	
145	FME-140	LB-W	153.0000	154.0000	156.0000	156.0000	
146	FME-141	LB-W	154.0000	155.0000	157.0000	157.0000	
147	FME-142	LB-W	155.0000	156.0000	158.0000	158.0000	
148	FME-143	LB-W	156.0000	157.0000			

RUN DATA-PT

207.014 207.015 207.016 207.017

88 TH-5	DEG F	1786.81	1797.77	1820.07	1788.38
89 TH-6	DEG F	1525.77	1523.16	1510.44	1135.48
90 W0 TURB FM	LB/SEC-F	.131991	.132053	.132030	.132361
91 W1 TURB FM	LB/SEC-F	.165882	.165621	.165684	.165569
92 W2 TURB FM		.775692	.797326	.796884	.799436
95 MIDPT		12.5000	13.5000	14.3995	8.39950
100 AT	SO.IN.	.212370	.212370	.212370	.212370
101 AE	SO.IN.	.354670	.354670	.354670	.354670
102 FA	PSIA	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-0.0033	-0.0033	-0.0033	-0.0033
105 WJ	LB/SEC-F	.131817	.131889	.131864	.132133
106 WF	LB/SEC-F	.165882	.165622	.165686	.165568
107 WT	LB/SEC-F	.297700	.297511	.297550	.297701
108 HR		.794644	.794321	.795871	.798059
109 F SL	LBS	65.8032	65.7595	65.7981	65.8636
110 F VAC	LBS	70.9561	70.9124	70.9510	71.0165
111 1SP VAC	SECS	238.348	238.352	238.451	238.550
112 C STAR	FT/SEC	5669.81	5668.94	5665.73	5681.11
113 CF		1.35159	1.35182	1.35315	1.35004
114 XDIFF F	PERCENT	.061562	.074397	.064397	.028558
115 XDIFF FMO	PERCENT	-.09152	-.04220	-.04332	-.04843
116 XDIFF FHF	PERCENT	.042802	.106119	.114978	.067493
119 XDIFF FMO PD %		-.09836	-.08595	4.44730	.720840
120 XDIFF FHF PD %		.206537	.565115	3.24900	.409367
121 SGO		1.43402	1.43387	1.43381	1.43435
122 SGF		1.00480	1.00474	1.00472	1.00492
123 SGOJ		1.44143	1.44107	1.44079	1.44111
124 SGFRI		1.00480	1.00474	1.00472	1.00492
125 SGFJ		1.00479	1.00473	1.00471	1.00491
126 AVSGF		1.00479	1.00474	1.00472	1.00491
127 AVSGO		1.43773	1.43747	1.43730	1.43773
129 ROVJ		278.613	280.964	275.720	274.925
130 ROJ		4630.91	4629.99	4632.48	4622.97
132 RFRV		-15.905	-15.954	-15.941	-15.970
133 RFVJ		163.872	169.638	169.323	170.862
134 RFJ		3655.72	3665.71	3664.13	3653.74
136 KOVJ		.059910	.059659	.060224	.060310
137 KOJ		.014695	.014696	.014692	.014708
140 KFUJ		.078117	.076778	.076850	.076503
141 KFJ		.016539	.016517	.016520	.016544
142 W0 PD	LB/SEC	.131688	.131775	.137729	.133085
143 W1 PD	LB/SEC	.166225	.166558	.171069	.166246
144 W1 PD	LB/SEC	.297913	.298334	.308797	.299331
145 MR PD		.792227	.791166	.805107	.800535
146 1SP PD	SECS	239.177	237.695	229.766	237.251
147 CSTAR PD	FT/SEC	5665.76	5653.31	5459.36	5650.17
149 ROVJ PD		275.162	.81447	252.740	271.004
150 ROJ PD		4640.03	4637.96	4246.39	4557.03
152 RFRV PD		-15.840	-15.776	-14.953	-15.840
153 RFVJ PD		163.197	167.737	158.835	169.472

RUN DATA-PT

154 RFJ PD	207.014	207.015	207.016	207.017
156 KOVJ PD	3640.67	3624.62	3437.15	3624.01
157 KOJ PD	.059851	.059608	.062902	.060745
160 KVVJ PD	.014680	.014684	.015346	.014814
161 KFJ PD	.078279	.077212	.079346	.076816
162 FVIT	.016573	.016610	.017057	.016611
163 FJIT	306.393	306.295	306.143	307.042
164 FFRIT	303.026	302.895	302.807	303.703
165 FVIT	351.370	351.283	351.206	351.590
166 FFJT	351.805	351.719	351.641	352.026
173 WCOOL TRIP	347.317	347.087	347.015	347.365
174 DT TRIP	500000.	500000.		.173701
175 Q1W	5.50275	6.80244	6.97063	5.41306
176 WCOOL NOZ	3251271	3401220	6970620	.940256
177 DT NOZ	.104879	.105651	.106556	.106500
178 QNW	160.011	161.202	161.799	150.364
	16.7817	17.0312	17.2405	16.0138

TEST NO. LXDI-D02-0A-108 J201B ENGINE PERFORMANCE JOB J10_100LB_A
DATE 09-21-94 0047 HOURS DURATION 14.995 SECONDS
CONFIG: 8 CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

RUN.DATA-PT

[illegible]

RUN DATA-PT		208.001	208.002	208.003	208.004	208.005	208.006	208.007	208.008	208.009	208.010	208.011	208.012	208.013
88 TH-5	DEG F	75.2791	1221.13	1142.90	1354.10	1462.01	1533.19	1586.74	1628.12	1639.81	1649.40	1678.52	1708.46	1728.70
89 TH-6	DEG F	73.3946	329.399	348.523	328.707	343.750	360.051	397.446	639.464	1012.92	1244.50	1391.81	1485.94	1548.44
90 WD TURB FM	LB/SEC-P	.249756	1.45619	1.44033	1.42968	1.42267	1.41842	1.41970	1.41979	1.42036	1.42090	1.42119	1.42070	1.42237
91 WF TURB FM	LB/SEC-P	.249756	1.59286	1.58266	1.58392	1.58695	1.58844	1.58918	1.58825	1.59089	1.59009	1.58993	1.59123	1.59161
92 MR TURB FM	LB/SEC-P	.249756	9.14194	9.10067	9.02627	8.94486	8.92960	8.93359	8.93936	8.92812	8.93595	8.93871	8.92828	8.93666
99 MIDPT	SG IN.	.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	
100 AT	SG IN.	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370	.212370
101 AE	PSIA	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670
102 PA	PERCENT	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	LBS	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LB/SEC-P	.145435	.143564	.142477	.141909	.141547	.141717	.141754	.141784	.141876	.141912	.141912	.141881	.142044
105 WD	LB/SEC-P	.159280	.158266	.158392	.158494	.158842	.158918	.158827	.159087	.159005	.158992	.159122	.159156	.159156
106 WF	LB/SEC-P	.304715	.301830	.300869	.300603	.300390	.300635	.300581	.300872	.300881	.300904	.301003	.301200	.301200
107 WT	LB/SEC-P	.913082	.907101	.899521	.894227	.891119	.891767	.892505	.891238	.892277	.892571	.891648	.892483	.892483
108 MR	LBS	66.5750	67.1575	67.2075	67.2528	67.2450	67.2491	67.2441	67.2467	67.2413	67.2358	67.2323	67.2364	67.2364
109 F SL	LBS	71.7279	72.3104	72.3604	72.4057	72.4020	72.3979	72.4020	72.3979	72.4020	72.3979	72.4020	72.3979	72.4020
110 F VAC	SECS	235.394	239.574	240.505	240.868	241.013	240.830	240.857	240.699	240.939	240.979	240.879	240.668	240.668
111 ISP VAC	FT/SEC	5632.02	5700.32	5708.06	5708.29	5704.95	5695.35	5694.25	5683.27	5683.17	5679.23	5676.64	5670.30	5670.30
112 C STAR	PERCENT	1.34379	1.35127	1.35468	1.35667	1.35828	1.35954	1.35995	1.36169	1.36307	1.36424	1.36463	1.36463	1.36463
113 CF	PERCENT	.061908	.048571	.004280	.048456	-.01894	.071278	.068308	.042443	.02003	.015248	.082245	.005496	.005496
114 XDIFF F	PERCENT	-.01403	.013398	-.04359	-.02448	-.03869	-.02202	-.01353	-.10557	.001772	-.03329	-.13103	-.10546	-.10546
115 XDIFF FMD	PERCENT	.084385	.152407	.100081	.068713	.108347	.061315	.058333	.044770	.092092	.088728	.062957	.060222	.060222
116 XDIFF FMF	PD %	-6.4282	-5.1446	.943809	.333182	.531588	.645213	.625368	.724940	-.12401	1.31187	.031676	-.19569	-.19569
119 XDIFF FMD PD	PD %	-4.9488	-.80140	.564635	-.32941	.25372	.757934	.20982	.067328	.450704	-.28883	.661937	.064274	.064274
120 XDIFF FMF PD	PD %	1.44033	1.43812	1.43672	1.43651	1.43651	1.43619	1.43592	1.43574	1.43591	1.43579	1.43560	1.43563	1.43563
121 SGO	SGF	1.00711	1.00628	1.00575	1.00568	1.00560	1.00556	1.00546	1.00539	1.00546	1.00541	1.00534	1.00535	1.00535
122 SGF	SGF	1.44160	1.44177	1.44229	1.44333	1.44338	1.44338	1.44350	1.44426	1.44397	1.44356	1.44356	1.44352	1.44352
123 SGDJ	SGF	1.00711	1.00628	1.00575	1.00568	1.00560	1.00556	1.00546	1.00539	1.00546	1.00541	1.00534	1.00535	1.00535
124 SGFRI	SGF	1.00710	1.00627	1.00575	1.00567	1.00567	1.00560	1.00555	1.00546	1.00539	1.00545	1.00540	1.00533	1.00534
125 SGFRI	SGF	1.00711	1.00628	1.00575	1.00567	1.00567	1.00560	1.00555	1.00546	1.00539	1.00545	1.00540	1.00533	1.00534
126 AVSGF	SGF	1.00711	1.00628	1.00575	1.00567	1.00567	1.00560	1.00555	1.00546	1.00539	1.00545	1.00540	1.00533	1.00534
127 AVSGD	SGF	1.44097	1.43995	1.43950	1.43992	1.43984	1.43985	1.43971	1.43962	1.44009	1.43988	1.43958	1.43958	1.43958
129 ROVJ	ROVJ	259.056	257.034	256.552	259.994	257.943	264.445	261.709	262.645	256.735	259.741	265.090	258.425	258.425
130 ROJ	ROVJ	4504.16	4565.49	4605.25	4618.21	4634.32	4622.08	4628.73	4632.45	4640.39	4630.17	4624.65	4621.75	4621.75
132 RFRV	RFRV	-17.332	-17.526	-17.479	-17.410	-17.375	-17.357	-17.373	-17.314	-17.334	-17.335	-17.305	-17.297	-17.297
133 RFRVJ	RFRVJ	148.902	145.965	157.869	147.365	148.909	148.223	149.367	153.435	147.078	155.366	149.564	151.822	151.822
134 RFJ	RFJ	3659.54	3666.15	3668.48	3660.37	3660.82	3662.34	3667.74	3664.41	3666.21	3668.44	3669.25	3667.77	3667.77
136 KOVJ	KOVJ	.062130	.062374	.062433	.062018	.062264	.061494	.061814	.061704	.062410	.062048	.061419	.062206	.062206
137 KOJ	KOVJ	.014900	.014800	.014736	.014715	.014689	.014709	.014698	.014692	.014680	.014696	.014705	.014709	.014709
140 KVVJ	KVVJ	.081950	.082771	.079589	.082376	.081948	.082138	.081822	.080731	.082457	.080227	.081768	.081158	.081158
141 KVVJ	KVVJ	.016531	.016516	.016510	.016529	.016528	.016524	.016512	.016510	.016515	.016510	.016509	.016512	.016512
142 WD PD	LB/SEC	.130086	.142825	.143822	.142382	.142300	.142632	.142641	.142812	.141700	.143773	.141926	.141766	.141766
143 WF PD	LB/SEC	.151397	.156998	.159286	.158172	.158441	.160122	.158494	.159194	.159722	.158533	.160175	.159258	.159258
144 WT PD	LB/SEC	.287484	.299823	.303108	.300553	.300741	.302754	.301134	.302006	.301422	.302306	.302101	.301024	.301024
145 MR PD	SECS	.898870	.909725	.902912	.900172	.898125	.897070	.899975	.897094	.887172	.906900	.886065	.890165	.890165
146 ISP PD	FT/SEC	249.503	241.177	238.728	240.908	240.732	239.145	240.414	239.795	240.507	239.861	240.003	240.809	240.809
147 CSTAR PD	PD	5969.59	5738.48	5665.89	5709.24	5698.29	5655.49	5683.79	5661.91	5672.98	5652.88	5656.00	5673.61	5673.61
149 ROVJ PD	PD	295.872	259.699	251.777	258.270	255.222	261.065	258.467	258.878	257.373	253.057	264.922	259.439	259.439
150 ROVJ PD	PD	5144.27	4612.83	4519.57	4587.59	4585.44	4563.00	4571.38	4566.00	4651.92	4511.03	4621.72	4639.89	4639.89
152 RFRV PD	PD	-19.184	-17.810	-17.283	-17.525	-17.463	-17.096	-17.447	-17.291	-17.179	-17.436	-17.078	-17.275	-17.275
153 RFRVJ PD	PD	164.810	148.333	156.101	148.510	149.665	146.001	149.996	153.228	145.761	156.268	147.604	151.627	151.627

TEST NO. LXDI-D02-0A-108 100 LB ENGINE PERFORMANCE JOB J10-100LB-A
 DATE 09-21-94 0047 HOURS DURATION 14.995 SECONDS
 CONFIG: B CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

RUN DATA-PT		208.001	208.002	208.003	208.004	208.005	208.006	208.007	208.008	208.009	208.010	208.011	208.012	208.013
154 REF PD	PSIA	4050.52	3725.62	3627.40	3684.60	3679.39	3607.45	3683.18	3659.48	3633.38	3689.73	3621.15	3663.06	
156 KOVJ PD	PSIA	.058136	.062053	.063022	.062225	.062595	.061891	.062201	.062152	.062333	.062862	.061439	.062084	
157 KOJ PD	PSIA	.013942	.014724	.014875	.014764	.014768	.014804	.014790	.014799	.014662	.014889	.014710	.014681	
160 KVVJ PD	PSIA	.077895	.082107	.080038	.082105	.081741	.082760	.081651	.080785	.083928	.079995	.082310	.081211	
161 KEJ PD	PSIA	.015712	.016383	.016604	.016474	.016486	.016649	.016477	.016531	.016590	.016463	.016618	.016523	
162 POVIT	PSIA	321.229	320.924	319.954	319.579	318.501	318.761	318.758	318.610	318.696	318.487	318.443	318.352	
163 POJT	PSIA	317.427	317.245	316.336	315.743	315.311	315.072	315.105	314.943	315.107	314.854	314.736	314.730	
164 PFRIT	PSIA	346.843	346.436	346.531	346.224	346.134	346.032	346.004	346.101	345.884	345.983	345.989	345.933	
165 PFVIT	PSIA	347.280	346.872	346.967	346.660	346.570	346.468	346.439	346.537	346.320	346.419	346.425	346.369	
166 PFJT	PSIA	343.529	343.239	343.029	342.970	342.834	342.745	342.692	342.674	342.622	342.512	342.458	342.544	
173 WCOOL TRIP	LB/SEC	.100000	.101392	.102594	.103293	.105500	.123098	.250162	500000.	500000.	500000.	500000.	500000.	
174 DT TRIP	DEC F	.944633	2.69080	4.07207	4.68816	5.05956	5.10697	4.39521	3.85914	4.01933	4.73539	5.27101	5.52464	
175 QTW	BTU/SEC	.094463	.272826	.417770	.484254	.533782	.628660	1.09951	1929568	2009665	2367693	2635504	2762316	
176 WCOOL NOZ	LB/SEC	.080009	.080560	.081440	.082058	.083084	.089650	.130009	.148182	.133207	.112904	.103361	.103914	
177 DT NOZ	DEC F	15.2007	47.4754	81.4152	105.464	123.604	140.643	181.894	192.493	181.390	167.003	160.400	161.141	
178 QNW	BTU/SEC	1.21620	3.82460	6.63043	8.65422	10.2695	12.6087	23.6478	28.5239	24.1625	18.8552	16.5791	16.7448	

09-23-94
15:37:28

TEST NO. LXDI-D02-DA-108 DATE 09-21-94 0047 HOURS DURATION 14.995 SECONDS
CONFIG: B CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

RUN, DATA-PT		208.014	208.015	208.016	208.017
0	START TIME	12.0000	13.0000	14.0000	2.00000
1	STOP TIME	13.0000	14.0000	14.7950	14.7950
2	TIME OF DAY	.470000	.470000	.470000	.470000
4	FND-1	.098997	.099037	.099132	.098888
5	FND-2	.098854	.099030	.099116	.098835
6	FNF-1	.158167	.158256	.158024	.158017
7	FNF-2	.158291	.158300	.158052	.158121
8	FNW-1	.105218	.107815	.109250	.107090
9	FOIR	340.278	340.030	340.023	340.466
10	PFTIR	273.909	273.708	273.678	273.810
11	FMW-2	.00011	.00004	.00006	.00010
12	FOVI	317.460	317.736	317.761	318.052
15	PC-1	249.903	250.056	249.968	250.504
16	PFVI	345.877	345.487	345.464	345.922
17	POV	313.677	313.848	313.903	314.237
18	PFJ	341.222	341.300	341.107	341.502
19	FCAL-A	.02888	.054057	.041181	.009288
20	FCAL-B	.048862	.04404	.04200	.00016
21	FA	67.3097	67.3642	67.4151	67.2928
22	FB	67.3286	67.4218	67.4573	67.3177
27	POL-1	316.691	316.410	316.515	317.004
29	PHE	1001.75	1001.64	1001.74	1001.74
30	TJB-3	70.6537	71.0176	71.0316	70.6267
31	TGN-1	562.576	600.862	637.370	392.315
35	TELL	66.4138	66.8607	66.7780	66.8385
50	TOV	69.4151	68.9867	69.1335	68.9884
52	WOPDFM	.143294	.139403	.151725	.143208
53	WFPDFM	.159339	.160400	.165031	.159770
54	POTS	55.8969	56.3055	56.2873	56.0803
55	PEL	352.714	352.757	352.736	352.979
56	VTGV	30.4877	30.4900	30.5011	30.4149
57	TEVI	78.0768	78.3108	78.3391	77.1539
58	WOPDFM	1.25629	1.35445	1.45053	.867880
59	WFPDFM	1.99284	2.15204	2.30481	1.37205
68	TJB-1	70.5316	70.3937	70.6644	69.9380
69	TJB-2	74.0826	74.3975	74.6646	73.0658
73	FMW-1	.359087	.354184		.136054
74	FMW-2	14.9687	14.8489	14.8619	14.9008
75	PHU	1390.07	1390.47	1390.35	1390.29
76	PVHE	73.6542	73.8198	73.7092	72.8462
77	TOFM	75.0768	74.8525	74.8330	74.6811
78	TFEM	252.034	277.599	302.729	172.876
79	TFE-1	72.5031	72.9611	72.7760	72.6702
80	TNWI	235.060	236.868	237.432	225.774
81	TNWD	73.5571	73.7045	73.6712	73.6087
82	TTWI	79.3145	79.2518	79.3303	78.5168
83	TTWD	1505.89	1424.38	1343.93	1405.97
84	TH-1	1191.31	1272.35	1349.89	747.151
85	TH-2	1594.79	1622.93	1644.85	1477.77
86	TH-3	371.183	379.828	387.843	355.988
87	TH-4				

RUN DATA-PT		208.014	208.015	208.016	208.017
88 TH-5	DEG F	1750.89	1763.91	1774.47	1637.34
89 TH-6	DEG F	1593.08	1626.19	1650.16	1057.14
90 WD TURB FM	LB/SEC-F	.142175	.142308	.142458	.142197
91 WF TURB FM	LB/SEC-P	.159038	.159130	.158889	.158933
92 MR TURB FM		.893859	.894286	.896592	.894707
99 MIDPT		12.5000	13.5000	14.3975	8.39750
100 AT	SG.IN.	.212370	.212370	.212370	.212370
101 AE	SG.IN.	.354670	.354670	.354670	.354670
102 FA	PSIA	14.5287	14.5287	14.5287	14.5287
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.00577	-.00577	-.00577	-.00577
105 WD	LB/SEC-P	.141998	.142182	.142315	.141959
106 WF	LB/SEC-P	.159062	.159129	.158889	.158932
107 WT	LB/SEC-P	.301060	.301311	.301204	.300891
108 MR		.892720	.893504	.895687	.893201
109 F SL	LBS	67.3249	67.3988	67.4420	67.3110
110 F VAC	LBS	72.4778	72.5517	72.5949	72.4639
111 TSP VAC	SECS	240.742	240.787	241.016	240.831
112 C STAR	FT/SEC	5667.78	5666.53	5666.54	5684.61
113 CF		1.36566	1.36621	1.36750	1.36211
114 XDIF F	PERCENT	.028178	.085599	.062651	.036983
115 XDIF FMD	PERCENT	-.14471	-.00609	-.01548	-.05375
116 XDIF FMF	PERCENT	.078252	.027956	.017398	.066162
119 XDIF FMO PD %		.912574	-1.9549	6.61210	.880401
120 XDIF FMF PD %		.174060	.798580	3.86523	.527229
121 SGO		1.43540	1.43570	1.43572	1.43593
122 SGF		1.00526	1.00538	1.00539	1.00546
123 SGOJ		1.44284	1.44340	1.44321	1.44340
124 SGFR1		1.00526	1.00538	1.00539	1.00546
125 SGFJ		1.00526	1.00537	1.00538	1.00545
126 AVSGF		1.00526	1.00537	1.00538	1.00546
127 AVSGO		1.43912	1.43955	1.43947	1.43967
129 ROVJ		258.128	264.998	262.301	260.691
130 ROJ		4622.23	4613.36	4614.40	4623.56
132 RFRV		-17.315	-17.305	-17.357	-17.350
133 RFVJ		159.551	140.833	148.113	150.577
134 RFJ		3673.34	3667.68	3674.49	3667.14
136 KOVJ		.062242	.061430	.061745	.061935
137 KOJ		.014709	.014723	.014721	.014707
140 KVVJ		.079168	.084265	.082168	.081493
141 KFJ		.016499	.016512	.016497	.016513
142 WD PD	LB/SEC	.143294	.139403	.151725	.143208
143 WF PD	LB/SEC	.159339	.160400	.165031	.159770
144 WT PD	LB/SEC	.302632	.299802	.316755	.302979
145 HR PD		.899302	.869097	.919374	.896339
146 ISP PD	SECS	239.491	241.998	229.183	239.172
147 CSTAR PD	FT/SEC	5638.32	5695.04	5388.34	5645.44
149 ROVJ PD		253.481	275.671	230.774	256.160
150 ROJ PD		4539.01	4799.16	4059.78	4543.21
152 RFRV PD		-17.255	-17.032	-16.090	-17.169
153 RFVJ PD		158.997	138.611	137.294	149.002

RUN DATA-PT

154	REFJ PD	208.014	208.015	208.016	208.017
156	KOVJ PD	3660.59	3609.80	3406.10	3628.78
157	KQJ PD	.062810	.060229	.065827	.062480
160	KFVJ PD	.014843	.014435	.015695	.014836
161	KFJ PD	.079306	.084938	.085344	.081923
162	POVIT	.016528	.016644	.017135	.016600
163	POJT	318.114	318.391	318.416	318.706
164	PFRIT	314.497	314.669	314.725	315.057
165	PFVIT	345.934	345.545	345.521	345.979
166	PFJT	346.370	345.980	345.957	346.415
173	WC00L TRIP	342.355	342.433	342.237	342.632
174	DT TRIP	500000.	500000.		.169666
175	QTN	5.75738	5.54732	5.65910	4.90811
176	WC00L NOZ	2878687	2773657	5659098	.832739
177	DT NOZ	.105218	.107815	.109250	.107090
178	QNW	162.557	163.907	164.656	153.104
		17.1040	17.6715	17.9887	16.3959

PSIA
PSIA
PSIA
PSIA
PSIA
LB/SEC
DEG F
BTU/SEC
LB/SEC
DEG F
BTU/SEC

TEST NO. LXD1-D02-0A-109 DATE 09-21-94 1905 HOURS DURATION 15.000 SECONDS
CONFIG: B CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

RUN DATA-PT

		209.001	209.002	209.003	209.004	209.005	209.006	209.007	209.008	209.009	209.010	209.011	209.012	209.013
0	START TIME	--.50000	.500000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000
1	STOP TIME	--.05000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000	12.0000
2	TIME OF DAY	19.0500	19.0500	19.0500	19.0500	19.0500	19.0500	19.0500	19.0500	19.0500	19.0500	19.0500	19.0500	19.0500
4	FMO-1	.019023	.089660	.088752	.088523	.088712	.088092	.088175	.088043	.087921	.088048	.087957	.087932	.087865
5	FMO-2	.000330	.089675	.088716	.088482	.088661	.088074	.088158	.087992	.087907	.088038	.087912	.087935	.087831
6	FHF-1	.003950	.176931	.175824	.175887	.175537	.176258	.176003	.176128	.176409	.176058	.176384	.176268	.176487
7	FHF-2	.001901	.001905	.001931	.001924	.001927	.001921	.001928	.001916	.001923	.001936	.001931	.001943	.001923
8	FHNW-1	.265624	.265627	.265790	.265744	.265846	.265933	.266004	.266198	.266204	.266361	.266263	.266263	.266356
9	POTR	.262.662	.262.706	.262.672	.262.723	.262.687	.262.662	.262.685	.262.710	.262.685	.262.629	.262.734	.262.646	.262.705
10	PFTR	318.874	318.841	318.931	318.884	318.925	318.898	318.899	318.841	318.944	318.980	318.917	319.009	318.963
11	FHNW-2	--.00039	--.00039	--.00038	--.00039	--.00037	--.00037	--.00037	--.00038	--.00039	--.00037	--.00037	--.00036	--.00039
12	POVI	309.097	302.109	301.546	301.717	301.625	300.227	299.780	299.399	299.243	299.189	299.088	299.091	298.948
15	PC-1	14.4719	247.783	248.284	248.499	248.047	247.538	247.085	246.966	246.872	246.712	246.773	246.707	246.612
16	PFVI	378.836	366.436	366.290	366.506	366.322	366.096	366.044	365.917	365.953	365.868	365.850	365.844	365.857
17	POJ	14.5306	299.660	299.134	299.352	299.191	297.869	297.392	297.053	296.803	296.802	296.702	296.703	296.545
18	PFJ	14.4566	360.131	359.768	360.035	359.542	359.699	359.212	359.240	359.353	358.899	359.155	359.046	359.287
19	FCAL-A	--.00076	.006193	--.00254	.002776	--.00212	--.00503	--.00590	.005770	.001715	--.02122	--.00943	--.02334	--.00220
20	FCAL-B	--.00524	--.00285	.007473	--.01088	.005699	.001346	--.00098	--.00258	.004559	.020778	.004844	.019087	--.00523
21	FA	.017438	65.9402	66.3231	66.4623	66.4651	66.3471	66.2610	66.2847	66.3563	66.3442	66.3415	66.3062	66.2983
22	F8	.020120	65.9942	66.3933	66.5121	66.5311	66.4126	66.3195	66.3387	66.4165	66.4402	66.4051	66.4051	66.3735
27	POL-1	309.018	303.116	302.563	302.755	302.625	301.237	300.796	300.433	300.239	300.180	300.101	300.058	299.977
29	PHE	1035.27	1035.32	1035.35	1035.25	1035.25	1035.28	1035.31	1035.29	1035.35	1035.35	1035.31	1035.34	1035.31
30	TJB-3	82.5895	82.6217	82.6932	82.6912	82.7892	82.7855	82.7793	82.7844	82.8451	82.9546	82.9221	83.0425	83.0257
31	TCN-1	75.3394	76.8016	93.4918	131.065	172.214	210.654	246.058	278.381	306.606	331.333	352.973	371.862	388.896
35	TELL	82.1242	82.1054	82.0910	82.1824	82.0975	82.1387	82.1431	82.1524	82.1342	82.0640	82.1209	82.0402	82.0889
50	TOV	83.0950	83.6983	83.6267	83.4048	83.2906	83.3863	83.4679	83.5909	83.5937	83.4070	83.4614	83.3658	83.3546
52	WOPDFM	.249756	.121914	.126536	.126369	.126679	.126480	.125116	.125542	.125944	.126141	.125344	.125395	.125966
53	WFPDFM	.249756	.165537	.175094	.176479	.175918	.176861	.176101	.175709	.177478	.176988	.176251	.176303	.178006
54	POTS	11.4197	11.3464	11.3040	11.4119	11.2875	11.3472	11.3734	11.3589	11.3388	11.2699	11.3517	11.2697	11.3624
55	PFL	381.077	373.262	373.168	373.358	373.155	372.955	372.888	372.795	372.801	372.724	372.719	372.708	372.727
56	VTCV	.048035	30.4281	30.4835	30.5401	30.5859	30.6175	30.6472	30.6721	30.6924	30.7086	30.7266	30.7377	30.7516
57	TFVI	86.6334	86.4602	86.0005	85.4815	85.2443	84.8162	84.4535	84.2514	84.0642	84.0112	83.8019	83.7266	83.5784
58	WOPDFM	.000013	.083790	.153088	.242666	.332042	.421197	.508926	.597913	.685870	.773999	.862526	.950222	1.03924
59	WFPDFM	--.00001	.144160	.280176	.458032	.635196	.811184	.986622	1.163333	1.33931	1.51606	1.69245	1.86726	2.04522
68	TJB-1	78.5954	78.6955	78.8716	78.9527	79.0877	79.1677	79.2363	79.2688	79.4081	79.6150	79.6956	79.9678	80.0501
69	TJB-2	83.9524	84.0150	84.0678	84.3598	84.5802	85.0210	85.3829	85.7522	86.1192	86.3307	86.6742	86.8254	87.0903
73	FMTW-1	.162811	.164217	.164756	.165122	.165340	.166161	.167414	.168194	.169333	.171100	.173979	.176007	.184794
74	FMTW-2	.157536	.160625	.161931	.162817	.163424	.164426	.164932	.165638	.165025	.167229	.171618	.174074	.181721
75	PHU	14.1602	14.1700	14.1691	14.1915	14.1562	14.1879	14.1889	14.1875	14.1826	14.1815	14.1903	14.1855	14.1995
76	PVHE	1351.07	1351.06	1351.06	1351.07	1351.02	1351.03	1351.03	1351.01	1350.95	1350.98	1351.00	1350.95	1350.92
77	TOFM	84.7437	84.7191	85.0304	84.7889	85.1672	85.3680	85.4433	85.5441	85.5564	85.5664	85.6388	85.5929	85.6323
78	TFHM	84.1178	83.9972	83.8846	83.7675	83.7492	83.7129	83.7045	83.6874	83.7140	83.7069	83.6973	83.7002	83.6652
79	TFB-1	77.9122	78.3069	78.9612	81.7248	87.5203	97.7168	116.962	131.444	143.780	155.685	167.741	183.607	199.051
80	TNWI	77.1379	77.1991	77.4036	77.3672	77.2681	77.3153	77.3313	77.2824	77.2653	77.2677	77.3419	77.3425	77.3595
81	TNWD	77.3855	78.2927	103.527	120.556	135.447	147.725	158.632	168.553	177.701	185.814	193.961	201.012	207.270
82	TNWI	76.4654	76.5549	76.6181	76.6633	76.6655	76.6936	76.7732	76.8124	76.8339	76.8722	76.9037	76.8864	76.9447
83	TNWD	76.7945	77.4766	78.2686	78.7512	78.9111	79.0490	79.2211	79.3288	79.4918	79.5567	79.6387	79.7532	79.7999
84	TH-1	947.830	789.722	1245.03	1436.80	1451.97	1503.59	1539.45	1550.14	1556.79	1559.79	1565.41	1564.26	1549.53
85	TH-2	78.5121	345.896	388.054	383.319	373.573	371.197	374.517	378.403	379.074	387.645	389.035	385.838	385.393
86	TH-3	80.7414	420.891	808.614	1147.92	1365.58	1488.78	1572.44	1587.06	1505.26	1482.27	1489.82	1499.20	1548.98
87	TH-4	78.8168	286.722	337.403	336.605	332.123	330.875	345.949	362.542	369.109	372.942	375.614	375.972	376.386

RUN DATA-PT		209.001	209.002	209.003	209.004	209.005	209.006	209.007	209.008	209.009	209.010	209.011	209.012	209.013
88 TH-5	DEG F	79.8248	688.856	1030.96	1202.02	1307.00	1379.46	1418.04	1467.16	1537.66	1594.62	1638.36	1657.24	1676.26
89 TH-6	DEG F	78.3091	300.737	356.639	360.058	347.695	364.898	383.654	423.041	821.951	1143.66	1309.82	1394.30	1453.08
90 WD TURB FM	LB/SEC-P	.249756	.127540	.126184	.125874	.126093	.125215	.125317	.125097	.124969	.125130	.124969	.124974	.124844
91 WF TURB FM	LB/SEC-P	.249756	.177098	.175984	.176056	.175709	.176433	.176182	.176307	.176588	.176231	.176561	.176443	.176667
92 MR TURB FM		-.25146	.720250	.717023	.714969	.711732	.709705	.711300	.709541	.707557	.710038	.707798	.708302	.706665
99 MIDPT		.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	
100 AT	SO.IN.	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190
101 AE	SO.IN.	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670
102 PA	PSIA	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	.018779	.018779	.018779	.018779	.018779	.018779	.018779	.018779	.018779	.018779	.018779	.018779	.018779
105 WD	LB/SEC-P	.127629	.126314	.125997	.126262	.125406	.125325	.125314	.125314	.125314	.125314	.125314	.125314	.125314
106 WF	LB/SEC-P	.177081	.175983	.176057	.175708	.176433	.176178	.176305	.176584	.176233	.176560	.176444	.176666	
107 MT	LB/SEC-P	.304710	.302297	.302054	.301970	.301838	.301763	.301619	.301748	.301582	.301756	.301637	.301742	
108 MR		.720738	.717762	.715663	.718588	.710785	.712486	.710783	.708810	.711267	.709080	.709535	.707976	
109 F SL	LBS	65.9484	66.3394	66.4684	66.4793	66.3611	66.2715	66.2929	66.3677	66.3734	66.3545	66.3369	66.3171	
110 F VAC	SECS	71.0856	71.4457	71.6057	71.6165	71.4983	71.4087	71.4302	71.5049	71.5106	71.4918	71.4741	71.4543	
111 ISP VAC	FT/SEC	233.289	236.445	237.062	237.164	236.876	236.685	236.822	236.969	237.119	236.919	236.954	236.806	
112 C STAR		5573.81	5629.66	5639.07	5630.38	5621.28	5613.52	5612.37	5607.85	5607.29	5605.44	5606.14	5602.04	
113 CF		1.34569	1.35036	1.35162	1.35429	1.35484	1.35562	1.35668	1.35862	1.35961	1.35891	1.35894	1.35909	
114 XDIF F	PERCENT	.081894	.105831	.074971	.099188	.098675	.088302	.081468	.090682	.144747	.095935	.149202	.113374	
115 XDIF FMO	PERCENT	.017127	-.04039	-.04614	-.05683	-.02099	-.01944	-.03785	-.01574	-.01208	-.05111	.003728	.003980	
116 XDIF FMF	PERCENT	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	
119 XDIF FMO PD %		-4.4783	1.75940	.294753	.330356	.856350	-.32587	.261555	.023680	.632073	.278562	.161470	.711738	
120 XDIF FMO PD %		-4.2605	-.50538	.239509	.119127	.242690	-.04383	1.42373	1.42375	.506509	.428705	-.17506	-.07989	.758088
121 SGO		1.42336	1.42350	1.42366	1.42369	1.42367	1.42372	1.42373	1.42375	1.42371	1.42372	1.42373	1.42373	
122 SGF		1.00085	1.00091	1.00096	1.00097	1.00099	1.00100	1.00100	1.00099	1.00099	1.00100	1.00100	1.00101	
123 SGOJ		1.42373	1.42383	1.42412	1.42428	1.42413	1.42402	1.42385	1.42385	1.42410	1.42402	1.42415	1.42416	
124 SGFRI		1.00085	1.00091	1.00096	1.00097	1.00099	1.00100	1.00100	1.00099	1.00099	1.00100	1.00100	1.00101	
125 SGFJ		1.00084	1.00089	1.00095	1.00096	1.00098	1.00098	1.00098	1.00098	1.00098	1.00098	1.00099	1.00100	
126 AVSCF		1.00084	1.00090	1.00096	1.00097	1.00099	1.00099	1.00099	1.00099	1.00099	1.00099	1.00099	1.00100	
127 AVSGD		1.42355	1.42367	1.42389	1.42398	1.42393	1.42387	1.42387	1.42387	1.42378	1.42391	1.42388	1.42394	
129 ROVJ		206.873	208.654	205.754	210.873	207.321	209.593	206.637	215.775	210.204	210.728	210.805	212.743	
130 ROJ		4597.56	4601.71	4625.82	4633.19	4622.09	4610.83	4605.87	4602.45	4604.31	4600.62	4607.42	4610.18	
132 RFRV		-13.849	-14.023	-14.013	-14.069	-13.954	-13.995	-13.975	-13.930	-13.986	-13.935	-13.953	-13.918	
133 RFRVJ		174.078	183.740	181.278	192.789	178.634	193.265	187.924	184.752	197.564	187.886	191.502	183.622	
134 RFJ		3629.06	3646.31	3645.79	3658.22	3650.00	3659.34	3658.93	3654.10	3659.04	3651.90	3655.29	3657.01	
136 KOVJ		.069526	.069229	.069715	.068864	.069451	.069073	.069566	.068077	.068973	.068887	.068875	.068560	
137 KOJ		.014748	.014741	.014703	.014691	.014709	.014727	.014735	.014740	.014737	.014733	.014732	.014728	
140 KFUJ		.075793	.073773	.074272	.072021	.074820	.071932	.072947	.073571	.071145	.072295	.072263	.073797	
141 KFJ		.016600	.016560	.016562	.016533	.016552	.016531	.016532	.016543	.016532	.016548	.016540	.016536	
142 WD PD	LB/SEC	.121914	.126536	.126369	.126679	.126480	.125116	.125642	.125194	.125194	.125544	.125395	.125966	
143 WF PD	LB/SEC	.169537	.175094	.176479	.175918	.176861	.176101	.175709	.177478	.176988	.176251	.176303	.178006	
144 WT PD	LB/SEC	.291450	.301630	.302847	.302596	.303340	.301217	.301351	.302672	.303129	.301796	.301699	.303971	
145 MR PD		.719099	.722677	.716057	.720104	.715136	.710476	.715059	.705405	.712707	.712303	.711249	.707651	
146 ISP PD		243.903	236.968	236.441	236.673	235.703	237.068	237.033	236.246	235.908	236.888	236.906	235.069	
147 CSTAR PD		5827.40	5642.12	5624.31	5618.72	5593.44	5622.58	5617.37	5590.73	5578.66	5604.70	5605.00	5560.95	
149 ROVJ PD		226.725	207.922	204.547	209.487	203.816	210.966	205.561	215.673	209.358	210.126	209.747		
150 ROJ PD		5038.75	4585.56	4598.67	4602.72	4543.94	4641.03	4581.87	4600.27	4546.65	4575.10	4592.58	4545.24	
152 RFRV PD		-15.109	-14.166	-13.946	-14.035	-13.886	-14.007	-14.070	-13.790	-13.867	-13.984	-13.975	-13.710	
153 RFRVJ PD		189.916	185.611	180.413	192.330	177.770	193.435	189.202	182.894	195.880	188.545	191.808	180.869	

FILE HHIPC

TEST NO. LXDI-D02-0A-109 DATE 09-21-94 1905 HOURS DURATION 15.000 SECONDS
 CONFIG: B CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

J0014
 09-23-94
 16:05:21

100 LB ENGINE PERFORMANCE JOB J10_100LB.A

RUN	DATA-PT	209.001	209.002	209.003	209.004	209.005	209.006	209.007	209.008	209.009	209.010	209.011	209.012	209.013
154	REF PD	3959.24	3683.45	3628.39	3649.52	3632.35	3662.55	3683.80	3617.36	3627.86	3664.72	3661.13	3602.19	
156	KOVJ PD	.066413	.069351	.069920	.069091	.070046	.068848	.069748	.068093	.069409	.069079	.068986	.069048	
157	KOVJ PD	.014088	.014767	.014746	.014740	.014835	.014679	.014773	.014744	.014830	.014784	.014756	.014833	
160	KFVJ PD	.072564	.073400	.074450	.072107	.075002	.071901	.072701	.073943	.071450	.072827	.072205	.074356	
161	KFJ PD	.015893	.016477	.016601	.016553	.016592	.016524	.016476	.016627	.016603	.016519	.016527	.016662	
162	POVIT	302.752	302.188	302.359	302.267	300.869	300.422	300.042	299.886	299.831	299.730	299.734	299.590	
163	POJT	300.384	299.850	300.065	299.506	298.579	298.103	297.763	297.511	297.512	297.411	297.413	297.253	
164	PFRT	366.507	366.360	366.576	366.392	366.167	366.114	365.987	366.023	365.939	365.921	365.915	365.928	
165	PFVIT	366.941	366.794	367.010	366.826	366.601	366.548	366.421	366.457	366.373	366.354	366.349	366.362	
166	PFJT	361.487	361.109	361.397	360.880	361.045	360.555	360.586	360.702	360.243	360.503	360.393	360.636	
173	WCOOL TRIP	.162421	.163344	.163970	.164382	.165294	.165783	.165916	.167179	.169164	.172799	.175041	.183258	
174	DT TRIP	.921753	1.65051	2.08786	2.24552	2.35547	2.44888	2.51644	2.65799	2.68451	2.73496	2.86686	2.85526	
175	QIW	.149712	.269601	.342345	.369123	.389344	.405983	.417517	.444361	.454123	.472598	.501817	.523248	
176	WCOOL NOZ	.265627	.265790	.265744	.265846	.265933	.266004	.266198	.266204	.266361	.266263	.266263	.266356	
177	DT NOZ	11.0936	26.1236	43.1687	58.1794	70.4101	81.3009	91.2808	100.436	108.546	116.619	123.669	129.911	
178	GNW	2.94677	6.94339	11.4718	15.4668	18.7244	21.6264	24.2987	26.7364	28.9124	31.0514	32.9286	34.6024	

RUN, DATA-PT

209.014 209.015 209.016 209.017

0 START TIME	12.0000	13.0000	14.0000	2.00000
1 STOP TIME	13.0000	14.0000	14.8000	14.8000
2 TIME OF DAY	19.0500	19.0500	19.0500	19.0500
4 FMO-1	.087976	.088017	.087936	.088089
5 FMO-2	.087943	.087993	.087851	.088056
6 FHF-1	.176348	.176084	.176315	.176170
7 FHF-2	.001928	.001932	.001928	.001928
8 FNNW-1	.266371	.266407	.266431	.266186
9 PTR	262.687	262.805	262.780	262.704
10 PFTR	318.893	318.918	318.933	318.923
11 FNNW-2	.00039	.00037	.00037	.00038
12 POVI	298.868	298.786	298.704	299.577
15 PC-1	246.434	246.427	246.479	247.004
16 PFVI	365.851	365.696	365.659	365.955
17 POJ	296.459	296.426	296.330	297.189
18 PFJ	358.905	358.753	358.849	359.226
19 FCAL-A	.00787	.00996	.00121	.00590
20 FCAL-B	.010134	.00045	.00449	.003094
21 FA	66.3571	66.3392	66.3786	66.3496
22 FB	66.4189	66.4032	66.4353	66.4163
27 POL-1	299.883	299.796	299.730	300.588
29 PHE	1035.28	1035.26	1035.28	1035.30
30 TJB-3	83.1277	83.2685	83.3744	82.9577
31 TCN-1	404.209	418.219	430.946	312.565
35 ICELL	82.0974	82.1445	82.1177	82.1172
50 TOV	83.4235	83.4811	83.5035	83.4388
52 WOPDFM	.125042	.125161	.129599	.126065
53 WOPDFM	.176921	.176996	.184064	.177316
54 POTS	11.3470	11.3728	11.3873	11.3451
55 PFL	372.671	372.573	372.514	372.810
56 VTCV	30.7629	30.7733	30.7815	30.6931
57 TFVI	83.5665	83.5924	83.5340	84.1553
58 WOPDFM	1.12784	1.21593	1.30091	.779655
59 WOPDFM	2.22354	2.40066	2.57201	1.52798
68 TJB-1	80.2534	80.5059	80.7020	79.6968
69 TJB-2	97.2785	97.4913	97.6955	86.2186
73 FMTW-1	.203399	.244510	.321675	.190138
74 FMTW-2	.200330	.239665	.303635	.187596
75 PHU	14.1880	14.2140	14.2095	14.1897
76 PVHE	1350.91	1350.98	1350.92	1350.98
77 TOFM	85.6658	85.7360	85.7145	85.4968
78 TFFM	83.6906	83.6924	83.6603	83.7032
79 TTFB-1	213.391	228.067	241.807	158.554
80 TNWI	77.3766	77.3688	77.3678	77.3290
81 TNWD	212.774	218.061	223.171	181.358
82 TTWI	76.9753	77.0080	77.0540	76.8552
83 TTWD	79.9083	80.0100	80.0914	79.5082
84 TH-1	1481.70	1426.68	1416.04	1506.94
85 TH-2	387.695	405.493	433.760	387.808
86 TH-3	1662.42	1721.75	1769.71	1529.36
87 TH-4	377.873	385.314	404.007	365.463

TEST NO. LYD1-D02-0A-109 100 LB ENGINE PERFORMANCE JDB J10_100LB_A
 DATE 09-21-94 1905 HOURS DURATION 15.000 SECONDS
 CONFIG: 8 CHAMBER F/N 1208172-2 HTRIP=.4" LTRIP=.75"

J0014
 09-23-94
 16:05:21

RUN DATA-PT		209.014		209.015		209.016		209.017	
88 TH-5	DEG F	1691.17	1707.74	1705.86	1539.20				
89 TH-6	DEG F	1484.11	1510.79	1519.45	968.750				
90 WD TURB FM	LB/SEC-P	.125001	.125055	.124900	.125182				
91 WF TURB FM	LB/SEC-P	.176527	.176259	.176496	.176345				
92 MR TURB FM		.708116	.709499	.707669	.709876				
99 MIDPT		12.5000	13.5000	14.4000	8.40000				
100 AT	90 IN.	.213190	.213190	.213190	.213190				
101 AE	90 IN.	.354670	.354670	.354670	.354670				
102 PA	PSIA	14.4845	14.4845	14.4845	14.4845				
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000				
104 F ZERO	LBS	.018779	.018779	.018779	.018779				
105 W0	LB/SEC-P	.125231	.125296	.125141	.125392				
106 WF	LB/SEC-P	.176524	.176261	.176494	.176345				
107 WT	LB/SEC-P	.301756	.301556	.301634	.301737				
108 MR		.709427	.710856	.709036	.711060				
109 F SL	LBS	66.3692	66.3524	66.3882	66.3642				
110 F VAC	LBS	71.5064	71.4896	71.5254	71.5014				
111 ISP VAC	SECS	236.968	237.049	237.126	236.966				
112 C STAR	FT/SEC	5597.76	5601.28	5601.02	5611.03				
113 CF		1.36106	1.36078	1.36117	1.35783				
114 XDIFF F	PERCENT	.093118	.096478	.085353	.100626				
115 XDIFF FMD	PERCENT	-.03727	-.02787	-.09734	-.03747				
116 XDIFF FHF	PERCENT	.000000	.000000	.000000	.000000				
119 XDIFF FMD PD %		-.15082	-.10751	3.56256	.536750				
120 XDIFF FHF PD %		.224550	.417216	4.28909	.550484				
121 SGO		1.42374	1.42373	1.42378	1.42373				
122 SGF		1.00100	1.00100	1.00102	1.00100				
123 SG0J		1.42407	1.42399	1.42396	1.42406				
124 SGFRI		1.00100	1.00100	1.00102	1.00100				
125 SGFJ		1.00099	1.00099	1.00101	1.00098				
126 AVSGF		1.00100	1.00100	1.00101	1.00099				
127 AVSGO		1.42390	1.42386	1.42387	1.42389				
129 ROVJ		212.748	207.936	209.918	210.095				
130 ROJ		4606.78	4599.57	4597.27	4609.64				
132 RFRV		-13.940	-13.982	-13.945	-13.969				
133 RFVJ		196.032	196.608	191.754	189.508				
134 RFJ		3656.25	3662.43	3654.29	3655.58				
136 KOVJ		.068559	.069348	.069020	.068991				
137 KOJ		.014733	.014745	.014749	.014729				
140 KFUJ		.071423	.071318	.072215	.072642				
141 KFJ		.016538	.016524	.016542	.016539				
142 W0 PD	LB/SEC	.125042	.125161	.129599	.126065				
143 WF PD	LB/SEC	.176921	.176996	.184064	.177316				
144 WT PD	LB/SEC	.301963	.302157	.313663	.303381				
145 MR PD		.706770	.707141	.704097	.710963				
146 ISP PD	SECS	236.805	236.598	228.033	235.682				
147 CSTAR PD	FT/SEC	5593.91	5590.15	5386.24	5580.63				
149 ROVJ PD		213.391	208.384	195.724	207.858				
150 ROJ PD		4620.71	4609.47	4286.41	4560.55				
152 RFRV PD		-13.878	-13.866	-12.822	-13.816				
153 RFVJ PD		195.155	194.978	176.306	187.439				

TEST NO. LXD1-D02-0A-109 DATE 09-21-94 1905 HOURS DURATION 15.000 SECONDS
 CONFIG: B CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

J0014
 09-23-94
 16:05:21

RUN DATA-PT

	209.014	209.015	209.016	209.017
154 RFJ PD	3639.88	3632.06	3359.89	3615.67
156 KOVJ PD	.068456	.069274	.071479	.069361
157 KOJ PD	.014711	.014729	.015274	.014808
160 KVVJ PD	.071583	.071616	.075312	.073042
161 KFJ PD	.016575	.016593	.017252	.016631
162 FOVIT	299.510	299.428	299.347	300.219
163 FOJT	297.167	297.135	297.038	297.899
164 PFRIT	365.922	365.766	365.729	366.025
165 PFVIT	366.356	366.200	366.163	366.459
166 PFJT	360.253	360.098	360.196	360.572
173 WCOOL TRIP	.201865	.242087	.312655	.188867
174 DT TRIP	2.93298	3.00198	3.03744	2.65297
175 GTW	.592044	.726740	.949670	.501058
176 WCOOL NOZ	.266371	.266407	.266431	.266186
177 DT NOZ	135.397	140.692	145.803	104.029
178 ONW	36.0658	37.4813	38.8465	27.6910

TEST NO. LXDI-D02-0A-110 DATE 09-21-94 1944 HOURS DURATION 15.004 SECONDS
CONFIG: B CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

RUN DATA-PT

0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN	4	LB-W	5	LB-W	6	LB-W	7	LB-W	8	LB-W	9	PSIA	10	PSIA	11	PSIA	12	PSIA	13	PSIA	14	PSIA	15	PSIA	16	PSIA	17	PSIA	18	PSIA	19	PSIA	20	PSIA	21	PSIA	22	PSIA	23	PSIA	24	PSIA	25	PSIA	26	PSIA	27	PSIA	28	PSIA	29	PSIA	30	PSIA	31	PSIA	32	PSIA	33	PSIA	34	PSIA	35	PSIA	36	PSIA	37	PSIA	38	PSIA	39	PSIA	40	PSIA	41	PSIA	42	PSIA	43	PSIA	44	PSIA	45	PSIA	46	PSIA	47	PSIA	48	PSIA	49	PSIA	50	PSIA	51	PSIA	52	PSIA	53	PSIA	54	PSIA	55	PSIA	56	PSIA	57	PSIA	58	PSIA	59	PSIA	60	PSIA	61	PSIA	62	PSIA	63	PSIA	64	PSIA	65	PSIA	66	PSIA	67	PSIA	68	PSIA	69	PSIA	70	PSIA	71	PSIA	72	PSIA	73	PSIA	74	PSIA	75	PSIA	76	PSIA	77	PSIA	78	PSIA	79	PSIA	80	PSIA	81	PSIA	82	PSIA	83	PSIA	84	PSIA	85	PSIA	86	PSIA	87	PSIA
0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN	4	LB-W	5	LB-W	6	LB-W	7	LB-W	8	LB-W	9	PSIA	10	PSIA	11	PSIA	12	PSIA	13	PSIA	14	PSIA	15	PSIA	16	PSIA	17	PSIA	18	PSIA	19	PSIA	20	PSIA	21	PSIA	22	PSIA	23	PSIA	24	PSIA	25	PSIA	26	PSIA	27	PSIA	28	PSIA	29	PSIA	30	PSIA	31	PSIA	32	PSIA	33	PSIA	34	PSIA	35	PSIA	36	PSIA	37	PSIA	38	PSIA	39	PSIA	40	PSIA	41	PSIA	42	PSIA	43	PSIA	44	PSIA	45	PSIA	46	PSIA	47	PSIA	48	PSIA	49	PSIA	50	PSIA	51	PSIA	52	PSIA	53	PSIA	54	PSIA	55	PSIA	56	PSIA	57	PSIA	58	PSIA	59	PSIA	60	PSIA	61	PSIA	62	PSIA	63	PSIA	64	PSIA	65	PSIA	66	PSIA	67	PSIA	68	PSIA	69	PSIA	70	PSIA	71	PSIA	72	PSIA	73	PSIA	74	PSIA	75	PSIA	76	PSIA	77	PSIA	78	PSIA	79	PSIA	80	PSIA	81	PSIA	82	PSIA	83	PSIA	84	PSIA	85	PSIA	86	PSIA	87	PSIA
0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN	4	LB-W	5	LB-W	6	LB-W	7	LB-W	8	LB-W	9	PSIA	10	PSIA	11	PSIA	12	PSIA	13	PSIA	14	PSIA	15	PSIA	16	PSIA	17	PSIA	18	PSIA	19	PSIA	20	PSIA	21	PSIA	22	PSIA	23	PSIA	24	PSIA	25	PSIA	26	PSIA	27	PSIA	28	PSIA	29	PSIA	30	PSIA	31	PSIA	32	PSIA	33	PSIA	34	PSIA	35	PSIA	36	PSIA	37	PSIA	38	PSIA	39	PSIA	40	PSIA	41	PSIA	42	PSIA	43	PSIA	44	PSIA	45	PSIA	46	PSIA	47	PSIA	48	PSIA	49	PSIA	50	PSIA	51	PSIA	52	PSIA	53	PSIA	54	PSIA	55	PSIA	56	PSIA	57	PSIA	58	PSIA	59	PSIA	60	PSIA	61	PSIA	62	PSIA	63	PSIA	64	PSIA	65	PSIA	66	PSIA	67	PSIA	68	PSIA	69	PSIA	70	PSIA	71	PSIA	72	PSIA	73	PSIA	74	PSIA	75	PSIA	76	PSIA	77	PSIA	78	PSIA	79	PSIA	80	PSIA	81	PSIA	82	PSIA	83	PSIA	84	PSIA	85	PSIA	86	PSIA	87	PSIA
0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN	4	LB-W	5	LB-W	6	LB-W	7	LB-W	8	LB-W	9	PSIA	10	PSIA	11	PSIA	12	PSIA	13	PSIA	14	PSIA	15	PSIA	16	PSIA	17	PSIA	18	PSIA	19	PSIA	20	PSIA	21	PSIA	22	PSIA	23	PSIA	24	PSIA	25	PSIA	26	PSIA	27	PSIA	28	PSIA	29	PSIA	30	PSIA	31	PSIA	32	PSIA	33	PSIA	34	PSIA	35	PSIA	36	PSIA	37	PSIA	38	PSIA	39	PSIA	40	PSIA	41	PSIA	42	PSIA	43	PSIA	44	PSIA	45	PSIA	46	PSIA	47	PSIA	48	PSIA	49	PSIA	50	PSIA	51	PSIA	52	PSIA	53	PSIA	54	PSIA	55	PSIA	56	PSIA	57	PSIA	58	PSIA	59	PSIA	60	PSIA	61	PSIA	62	PSIA	63	PSIA	64	PSIA	65	PSIA	66	PSIA	67	PSIA	68	PSIA	69	PSIA	70	PSIA	71	PSIA	72	PSIA	73	PSIA	74	PSIA	75	PSIA	76	PSIA	77	PSIA	78	PSIA	79	PSIA	80	PSIA	81	PSIA	82	PSIA	83	PSIA	84	PSIA	85	PSIA	86	PSIA	87	PSIA
0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN	4	LB-W	5	LB-W	6	LB-W	7	LB-W	8	LB-W	9	PSIA	10	PSIA	11	PSIA	12	PSIA	13	PSIA	14	PSIA	15	PSIA	16	PSIA	17	PSIA	18	PSIA	19	PSIA	20	PSIA	21	PSIA	22	PSIA	23	PSIA	24	PSIA	25	PSIA	26	PSIA	27	PSIA	28	PSIA	29	PSIA	30	PSIA	31	PSIA	32	PSIA	33	PSIA	34	PSIA	35	PSIA	36	PSIA	37	PSIA	38	PSIA	39	PSIA	40	PSIA	41	PSIA	42	PSIA	43	PSIA	44	PSIA	45	PSIA	46	PSIA	47	PSIA	48	PSIA	49	PSIA	50	PSIA	51	PSIA	52	PSIA	53	PSIA	54	PSIA	55	PSIA	56	PSIA	57	PSIA	58	PSIA	59	PSIA	60	PSIA	61	PSIA	62	PSIA	63	PSIA	64	PSIA	65	PSIA	66	PSIA	67	PSIA	68	PSIA	69	PSIA	70	PSIA	71	PSIA	72	PSIA	73	PSIA	74	PSIA	75	PSIA	76	PSIA	77	PSIA	78	PSIA	79	PSIA	80	PSIA	81	PSIA	82	PSIA	83	PSIA	84	PSIA	85	PSIA	86	PSIA	87	PSIA

09-23-94
16:32:55

TEST NO. LXDI-D02-0A-110 DATE 09-21-94 1944 HOURS DURATION 15.004 SECONDS
CONFIG: B CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

RUN, DATA-PT		210.001	210.002	210.003	210.004	210.005	210.006	210.007	210.008	210.009	210.010	210.011	210.012	210.013
88 TH-5	DEC F	81.3653	423.103	862.969	1075.74	1268.79	1357.34	1408.49	1448.93	1499.64	1531.85	1563.05	1597.58	1622.81
89 TH-6	DEC F	79.7095	308.482	359.037	358.037	359.163	370.674	379.412	417.336	627.909	866.571	1123.05	1287.54	1405.28
90 WD TURB FM	LB/SEC-P	.247377	1.33385	1.32010	1.31985	1.31644	1.30803	1.30665	1.30529	1.30482	1.30440	1.30331	1.30348	1.30302
91 WF TURB FM	LB/SEC-P	.247377	1.70762	1.69418	1.69327	1.68964	1.69651	1.69794	1.69596	1.69662	1.69750	1.69886	1.69596	1.69751
92 MR TURB FM		-.24907	.781113	.779194	.779470	.779127	.771012	.769549	.769652	.769075	.768427	.767171	.769113	.767607
99 MIDPT			.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000
100 AT	SG.IN.	.213190	2.13190	2.13190	2.13190	2.13190	2.13190	2.13190	2.13190	2.13190	2.13190	2.13190	2.13190	2.13190
101 AE	SG.IN.	.354670	3.54670	3.54670	3.54670	3.54670	3.54670	3.54670	3.54670	3.54670	3.54670	3.54670	3.54670	3.54670
102 PA	PSIA	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-0.02475	-0.02475	-0.02475	-0.02475	-0.02475	-0.02475	-0.02475	-0.02475	-0.02475	-0.02475	-0.02475	-0.02475	-0.02475
105 WD	LB/SEC-P	.133476	1.31958	1.31919	1.31666	1.30876	1.30768	1.30653	1.30624	1.30596	1.30596	1.30493	1.30607	1.30493
106 WF	LB/SEC-P	.170740	1.69420	1.69328	1.68960	1.69650	1.69794	1.69593	1.69660	1.69752	1.69888	1.69601	1.69752	1.69888
107 WT	LB/SEC-P	.304216	3.01378	3.01246	3.00626	3.00527	3.00562	3.00244	3.00284	3.00349	3.00383	3.00209	3.00245	3.00245
108 MR		.781749	.778880	.779072	.779271	.771446	.770389	.769916	.769336	.768128	.770085	.768730		
109 F SL	LBS	65.9450	66.3170	66.5010	66.4948	66.3759	66.3826	66.3696	66.4221	66.4294	66.3266	66.3312	66.3400	
110 F VAC	LBS	71.0822	71.4543	71.6382	71.6320	71.5131	71.5198	71.5068	71.5593	71.5667	71.4638	71.4684	71.4772	
111 ISP VAC	SECS	233.657	237.092	237.806	238.276	237.959	237.954	238.161	238.306	238.279	237.909	238.062	238.063	
112 C STAR	FT/SEC	5599.83	5663.44	5670.52	5676.13	5661.24	5655.38	5655.40	5652.65	5648.84	5647.62	5646.60	5645.40	
113 CF		1.34155	1.34598	1.34835	1.34968	1.35143	1.35280	1.35397	1.35545	1.35621	1.35440	1.35552	1.35581	
114 XDIFF F	PERCENT	.041477	.070136	.050695	.060162	.065816	.070308	.067308	.067308	.067308	.082711	.075757	.131407	.067176
115 XDIFF FMO	PERCENT	.207010	1.69633	1.48851	1.45085	1.59849	1.39341	1.21023	1.60571	1.85720	1.47476	1.45773	1.72719	.172719
116 XDIFF FHF	PERCENT	-.00713	.012694	.031199	.004407	.029669	.027472	.015256	-.02617	.042829	.043306	.030371	.069351	
119 XDIFF FMO PD %		-4.3393	.035018	-.69168	.080297	1.03030	.019645	.941474	-.27312	.454874	.676319	.943272	-.03112	
120 XDIFF FHF PD %		-4.2426	-.52135	.228013	.205067	.345233	.162804	.039328	-.05013	.390489	.563382	-.02672	1.30466	
121 SGO		1.42615	1.42522	1.42478	1.42463	1.42462	1.42453	1.42452	1.42442	1.42446	1.42434	1.42439	1.42439	
122 SCF		1.00186	1.00147	1.00135	1.00129	1.00129	1.00126	1.00126	1.00122	1.00124	1.00127	1.00121	1.00122	
123 SGOJ		1.42532	1.42534	1.42600	1.42653	1.42680	1.42661	1.42643	1.42642	1.42645	1.42676	1.42703	1.42671	
124 SGFRI		1.00186	1.00147	1.00135	1.00129	1.00129	1.00126	1.00126	1.00122	1.00124	1.00127	1.00121	1.00122	
125 SGFJ		1.00186	1.00146	1.00134	1.00128	1.00128	1.00125	1.00125	1.00121	1.00123	1.00126	1.00120	1.00121	
126 AVSGF		1.00186	1.00147	1.00134	1.00129	1.00129	1.00126	1.00126	1.00122	1.00123	1.00126	1.00121	1.00122	
127 AVSGD		1.42574	1.42522	1.42539	1.42558	1.42571	1.42557	1.42548	1.42542	1.42550	1.42565	1.42571	1.42557	
129 ROVJ		497.628	488.730	485.405	488.452	489.220	486.678	489.960	488.415	485.370	494.644	479.782	488.618	
130 ROJ		4226.96	4290.54	4307.97	4316.23	4319.87	4324.22	4317.33	4323.74	4324.97	4321.55	4335.47	4327.18	
132 RFRV		-14.926	-15.149	-15.161	-15.225	-15.101	-15.076	-15.110	-15.098	-15.082	-15.058	-15.107	-15.081	
133 RFVJ		166.278	168.211	166.365	170.463	162.652	161.413	165.399	165.489	163.006	159.193	167.259	162.659	
134 RFJ		3650.58	3667.34	3662.77	3672.79	3670.76	3672.07	3680.73	3681.82	3684.53	3679.10	3687.68	3687.45	
136 KOVJ		.044828	.045234	.045389	.045247	.045211	.045329	.045177	.045249	.045390	.044963	.045654	.045239	
137 KOJ		.015381	.015267	.015236	.015221	.015215	.015207	.015219	.015208	.015206	.015212	.015187	.015202	
140 KFVJ		.077550	.077103	.077530	.076592	.078410	.078710	.077756	.077735	.078325	.079257	.077322	.078408	
141 KFJ		.016551	.016513	.016523	.016501	.016502	.016502	.016483	.016480	.016474	.016487	.016467	.016468	
142 WO PD	LB/SEC	.127684	1.32004	1.31006	1.31771	1.32225	1.30794	1.31883	1.30267	1.31190	1.31378	1.31839	1.30453	
143 WF PD	LB/SEC	.163496	1.68537	1.69714	1.69307	1.70236	1.70070	1.69660	1.69575	1.70415	1.70845	1.69556	1.69530	
144 WT PD	LB/SEC	.291180	3.00541	3.00720	3.01078	3.02461	3.00864	3.01543	2.99842	3.01606	3.02223	3.01355	2.99984	
145 MR PD		.780960	.783236	.771923	.778301	.776713	.769060	.777336	.768198	.769829	.768990	.777557	.769494	
146 ISP PD	SECS	244.118	237.752	238.222	237.918	236.438	237.715	237.137	238.657	237.286	236.460	237.125	238.271	
147 CSTAR PD	FT/SEC	5850.52	5679.21	5680.44	5667.61	5625.04	5649.70	5631.08	5660.98	5625.29	5613.25	5624.37	5650.34	
149 ROVJ PD		543.798	488.388	492.191	487.668	479.293	486.486	480.863	491.094	488.985	488.021	470.857	488.923	
150 ROJ PD		4619.14	4287.54	4368.19	4309.31	4322.21	4327.18	4347.46	4285.89	4263.69	4254.82	4254.82	4329.87	
152 RFRV PD		-16.278	-15.308	-15.092	-15.163	-14.997	-15.027	-15.098	-15.113	-14.964	-14.890	-15.115	-15.121	
153 RFVJ PD		181.339	169.979	165.609	169.766	161.534	160.889	165.269	165.655	161.740	157.414	167.348	163.085	

TEST NO. LXD1-D02-0A-110 DATE 09-21-94 1944 HOURS DURATION 15.004 SECONDS
 CONFIG: 8 CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

09-23-94
 16:32:55

RUN DATA-PT

	210.001	210.002	210.003	210.004	210.005	210.006	210.007	210.008	210.009	210.010	210.011	210.012	210.013
154 RFJ PD	3981.23	3705.88	3646.12	3657.77	3645.54	3660.14	3677.83	3685.52	3655.92	3638.00	3689.65	3697.09	
156 KOVJ PD	.042883	.045250	.045075	.045283	.045677	.045338	.045603	.045125	.045597	.045267	.046085	.045225	
157 KOJ PD	.014714	.015272	.015130	.015233	.015371	.015210	.015362	.015166	.015275	.015315	.015331	.015197	
160 KVVJ PD	.074260	.076701	.077707	.076749	.078681	.078838	.077787	.077696	.078630	.079704	.077302	.078306	
161 KFJ PD	.013849	.016427	.016561	.016535	.016562	.016529	.016489	.016472	.016539	.016579	.016463	.016446	
162 FOVIT	307.589	307.401	307.116	307.342	305.951	305.657	305.259	305.203	305.039	304.987	304.876	304.771	
163 FOJT	301.370	301.430	301.790	301.402	300.074	299.819	299.392	299.357	299.232	299.079	299.136	298.935	
164 FFRIT	359.165	358.511	358.424	358.090	357.969	357.932	357.776	357.812	357.824	357.706	357.629	357.662	
165 FFRIT	359.599	358.945	358.958	358.524	358.403	358.367	358.210	358.246	358.258	358.140	358.063	358.096	
166 FFJT	354.761	354.124	354.095	353.664	353.728	353.719	353.459	353.488	353.566	353.551	353.258	353.415	
173 WCOOL TRIP	.159548	.159585	.160964	.161858	.163994	.165977	.167899	.169905	.172595	.179777	.203787	.255248	
174 DT TRIP	.572586	1.24227	1.67266	1.86093	1.97254	2.02996	2.19160	2.15746	2.25576	2.36625	2.36093	2.43810	
175 GTW	.091355	.198248	.269238	.301207	.323485	.336926	.367968	.366563	.389333	.425398	.481128	.622319	
176 WCOOL NOZ	.259196	.259465	.259989	.261072	.262014	.262947	.263217	.262543	.261635	.260982	.261132	.261800	
177 DT NOZ	13.2187	33.1144	54.3406	69.8363	82.6749	94.0953	103.546	112.379	121.133	129.499	136.480	143.139	
178 ONW	3.42623	8.59205	14.1279	18.2323	21.6620	24.7421	27.2550	29.5043	31.6925	33.7970	35.6393	37.4738	

09-23-94
16:32:55

SECONDS

15.004
DURATION 15.004
HOURS
TRIP=.75"

DATE 09-21-94
1944 HOURS
1208172-2
HTRIP=.4"

CONFIG B CHAMBER P/N 1208172-2
HTRIP=.4"

TEST NO. LAB1-D02-0A-110

RUN DATA-PT		210.014	210.015	210.016	210.017
0	START TIME	12.0000	13.0000	14.0000	2.00000
1	STOP TIME	13.0000	14.0000	14.8040	14.8040
2	TIME OF DAY	19.4400	19.4400	19.4400	19.4400
4	FMD-1	.091512	.091414	.091469	.091718
5	FMD-2	.091674	.091566	.091559	.091856
6	FMF-1	.169592	.169684	.169589	.169422
7	FMF-2	.169677	.169791	.169629	.169477
8	FMNW-1	.262579	.263242	.263613	.262078
9	POTR	250.874	250.904	250.947	250.897
10	PFTW	235.732	235.771	235.745	235.708
11	FMNW-2	-.00034	-.00033	-.00032	-.00036
12	POVI	304.086	303.939	303.735	304.764
15	FO-1	247.280	247.264	247.023	247.753
16	PFTV	357.553	357.484	357.440	357.739
17	POJ	298.160	298.043	297.806	298.814
18	PFJ	352.114	352.151	351.834	352.259
19	FCAL-A	-.02826	-.02168	-.00601	-.01254
20	FCAL-B	-.02636	-.03443	-.02784	-.02494
21	FA	66.3396	66.3270	66.2839	66.3397
22	FB	66.3838	66.3788	66.3321	66.3889
27	PDL-1	304.930	304.800	304.609	305.624
29	PHE	1029.76	1029.83	1029.82	1029.78
30	TJB-3	82.0504	82.2469	82.3619	81.9197
31	TGN-1	420.522	434.420	447.460	329.751
35	TOELL	79.7651	79.7573	79.7597	79.7618
50	TOV	81.4431	81.5676	81.6084	81.5592
52	WOPDFM	.130334	.129307	.136461	.131516
53	WFPDFM	.170849	.170460	.178099	.170733
54	POTS	11.5604	11.5963	11.5817	11.5599
55	PFL	364.266	364.225	364.193	364.476
56	VTCV	30.4658	30.4754	30.4836	30.3975
57	TFV1	84.4221	84.4545	84.4223	84.3972
58	WOPDFM	1.17169	1.26203	1.35282	.809648
59	WFPDFM	2.13606	2.30511	2.47384	1.46903
68	TJB-1	79.7002	79.9375	80.1828	79.2090
69	TJB-2	86.7424	86.9604	87.1274	85.8281
73	FHTW-1	.326540			.186128
74	FHTW-2	.315642			.184029
75	PHU	14.2401	14.2694	14.2588	14.2448
76	PVHE	1332.90	1332.95	1332.93	1332.95
77	TOFM	84.7053	84.8082	84.8099	84.2076
78	TEFM	83.2094	83.2250	83.2206	83.1617
79	TTFB-1	239.621	262.047	284.687	168.156
80	TNWI	78.2289	78.2433	78.2406	78.1855
81	TNWD	226.181	231.822	236.346	194.596
82	TTWI	79.0706	79.1317	79.1182	79.0033
83	TTWD	81.5681	81.6680	81.7072	81.2330
84	TH-1	1602.09	1591.67	1562.23	1558.25
85	TH-2	390.402	464.892	603.654	392.844
86	TH-3	1585.41	1608.52	1682.52	1541.35
87	TH-4	384.770	391.546	394.623	364.226

TEST NO. LXD1-DD3-0A-110 100 LB ENGINE PERFORMANCE JOB J10_100LB_A
 DATE 09-21-94 1944 HOURS DURATION 15.004 SECONDS
 CONFIG: 8 CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

J0014
 09-23-94
 16:32:55

RUN DATA-PT		210.014	210.015	210.016	210.017
88 TH-5	DEG F	1626.28	1633.46	1643.92	1484.89
89 TH-6	DEG F	1474.29	1513.61	1529.77	908.362
90 WD TURB FM	LB/SEC-P	.130285	.130128	.130164	.130624
91 WF TURB FM	LB/SEC-P	.169846	.169946	.169800	.169662
92 MR TURB FM	LB/SEC-P	.767079	.765704	.766578	.769917
99 MIDPT		12.5000	13.5000	14.4020	8.40200
100 AT	SG.IN.	.213190	.213190	.213190	.213190
101 AE	SG.IN.	.354670	.354670	.354670	.354670
102 PA	PSIA	14.4845	14.4845	14.4845	14.4845
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.02475	-.02475	-.02475	-.02475
105 WD	LB/SEC-P	.130468	.130319	.130354	.130751
106 WF	LB/SEC-P	.169843	.169945	.169802	.169662
107 WT	LB/SEC-P	.300311	.300264	.300156	.300413
108 MR		.768168	.766834	.767683	.770656
109 F SL	LBS	66.3865	66.3776	66.3328	66.3891
110 F VAC	LBS	71.5237	71.5149	71.4700	71.5263
111 1SP VAC	SECS	238.165	238.173	238.110	238.093
112 C STAR	FT/SEC	5643.99	5644.49	5641.04	5652.86
113 CF		1.35673	1.35665	1.35712	1.35419
114 XDIFF F	PERCENT	-.066634	-.078207	-.072733	-.074075
115 XDIFF FMD	PERCENT	.177594	.165223	.098691	.149843
116 XDIFF FHF	PERCENT	.050390	.062534	.041410	.032578
119 XDIFF FMD PD %		-.10239	-.77660	4.68500	.584793
120 XDIFF FHF PD %		.592403	.303381	4.88635	.631258
121 SGO		1.42443	1.42441	1.42441	1.42450
122 SGF		1.00123	1.00122	1.00122	1.00125
123 SGOJ		1.42674	1.42657	1.42651	1.42659
124 SGFR1		1.00123	1.00122	1.00122	1.00125
125 SGFJ		1.00122	1.00121	1.00121	1.00124
126 AVSCF		1.00122	1.00122	1.00122	1.00125
127 AVSGO		1.42558	1.42549	1.42546	1.42555
129 ROVJ		488.123	486.749	489.191	487.772
130 ROJ		4326.97	4327.75	4325.60	4323.03
132 RFRV		-15.064	-15.047	-15.072	-15.098
133 RFVJ		162.239	158.341	168.122	164.078
134 RFJ		3682.47	3679.94	3683.43	3678.95
136 KOVJ		.045262	.045326	.045213	.045278
137 KOJ		.015202	.015201	.015205	.015209
140 KVVJ		.078509	.079470	.077124	.078068
141 KFJ		.016479	.016485	.016477	.016487
142 WD PD	LB/SEC	.130334	.129307	.136461	.131516
143 WF PD	LB/SEC	.170849	.170460	.178099	.170733
144 WT PD	LB/SEC	.301184	.299768	.314560	.302249
145 MR PD		.762863	.758577	.766209	.770300
146 ISP PD	SECS	237.475	238.568	227.206	236.647
147 CSTAR PD	FT/SEC	5627.64	5653.84	5382.73	5618.53
149 ROVJ PD		489.124	494.398	446.385	482.117
150 ROJ PD		4335.74	4395.76	3947.09	4272.91
152 RFRV PD		-14.887	-14.956	-13.700	-14.909
153 RFVJ PD		160.334	157.385	152.822	162.026

TEST NO. LXD1-D02-0A-110 DATE 09-21-94 1944 HOURS DURATION 15.004 SECONDS
 CONFIG: B CHAMBER P/N 1208172-2 HTRIP=.4" LTRIP=.75"

J0014
 09-23-94
 16:32:55

100 LB ENGINE PERFORMANCE JOB J10.100LB.A

RUN DATA-PT

154 RFJ PD	210.014	210.015	210.016	210.017
156 KOVJ PD	3639.23	3657.71	3348.22	3632.93
157 KOJ PD	.045216	.044974	.047331	.045543
160 KVVJ PD	.015187	.015083	.015917	.015298
161 KFJ PD	.078975	.079711	.080892	.078561
162 P0VIT	.016577	.016535	.017282	.016591
163 P0JT	304.731	304.584	304.380	305.409
164 PFRIT	298.903	298.785	298.548	299.559
165 PFVIT	357.618	357.550	357.505	357.804
166 PFJT	358.052	357.984	357.939	358.238
173 WCOOL TRIP	353.378	353.416	353.097	353.521
174 DT TRIP	.321091			.185078
175 0TW	2.49754	2.53628	2.58897	2.22971
176 WCOOL NOZ	.801938	2536275	2588964	.412672
177 DT NOZ	.262579	.263242	.263613	.262078
178 QNW	147.953	153.578	158.106	116.410
	38.8493	40.4282	41.6787	30.5085

PSIA

PSIA

PSIA

PSIA

PSIA

LB/SEC

DEG F

BTU/SEC

LB/SEC

DEG F

BTU/SEC

RUN DATA-PT

0 START TIME

1 STOP TIME

2 TIME OF DAY

HRS. MIN

LB-W

LB-W

LB-W

LB-W

LB-W

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211.001	211.002	211.003	211.004	211.005	211.006	211.007	211.008	211.009	211.010	211.011	211.012	211.013
-.50000	.50000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000
-.05000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000	12.0000
21.1000	21.1000	21.1000	21.1000	21.1000	21.1000	21.1000	21.1000	21.1000	21.1000	21.1000	21.1000	21.1000
.019038	.096689	.096117	.095512	.094983	.094846	.094782	.094587	.094609	.094730	.094857	.094853	.094763
.000328	.096816	.096068	.095582	.094956	.094839	.094743	.094555	.094526	.094655	.094796	.094798	.094651
.003949	.166921	.166287	.166438	.166737	.166998	.167102	.166878	.167037	.167130	.167109	.167086	.167134
.001902	.166973	.166314	.166440	.166748	.167002	.167125	.166923	.167074	.167129	.167141	.167045	.167182
.260896	.260604	.260643	.260683	.260731	.260786	.260851	.260930	.260955	.261018	.261200	.261320	.261216
256.198	256.205	256.252	256.275	256.164	256.235	256.241	256.272	256.280	256.308	256.289	256.218	256.244
266.547	266.441	266.521	266.593	266.487	266.579	266.559	266.473	266.561	266.505	266.537	266.491	266.491
.00038	.00038	.00037	.00038	.00037	.00038	.00038	.00038	.00037	.00036	.00036	.00038	.00036
319.250	312.676	312.439	311.714	310.623	310.202	309.836	309.849	309.719	309.656	309.597	309.536	309.407
14.4560	250.061	250.135	249.864	249.350	249.110	248.893	249.092	248.962	248.713	248.499	248.404	248.494
366.060	355.809	355.481	355.620	355.339	355.113	355.018	354.987	355.000	354.906	354.871	354.986	355.027
14.2230	309.303	309.072	308.404	307.342	306.933	306.562	306.607	306.420	306.362	306.309	306.295	306.105
14.4456	350.806	350.429	350.471	350.049	350.082	349.922	349.870	349.935	349.878	349.778	349.696	349.841
.004774	.018635	.021438	.009921	.009519	.008576	.002007	.000742	.004943	.003252	.011003	.013060	.00049
-.00548	-.00055	-.00285	-.00832	-.00519	-.00320	-.00976	-.00937	-.00393	-.01499	-.01021	-.02822	-.01155
-.00151	67.0824	67.3366	67.3628	67.2119	67.1218	67.0654	67.2145	67.2879	67.2022	67.1725	67.0882	67.1657
.004161	67.0419	67.3023	67.3250	67.1715	67.1022	67.0322	67.1776	67.2428	67.1791	67.1504	67.0722	67.1228
318.154	312.748	312.487	311.764	310.616	310.270	309.842	309.879	309.699	309.667	309.635	309.608	309.405
1017.22	1017.31	1017.22	1017.29	1017.26	1017.22	1017.25	1017.27	1017.28	1017.26	1017.30	1017.22	1017.29
75.5982	75.6986	75.6407	75.7302	75.8103	75.8175	75.7972	75.8222	75.8571	75.8982	75.9651	75.9858	76.1014
75.7623	77.5047	94.3720	132.942	174.697	213.037	246.707	276.329	302.709	325.367	345.186	362.481	378.087
73.6698	73.8100	73.6991	73.7127	73.6942	73.6966	73.6508	73.6525	73.6936	73.6574	73.6883	73.6157	73.6586
76.7914	77.3129	76.8912	76.3364	75.9277	75.8825	75.7643	75.6257	75.5156	75.5173	75.4072	75.5219	75.5398
.249756	.156016	.167696	.167479	.167251	.168179	.168849	.168217	.167535	.168256	.166603	.168357	.167913
11.0326	10.9901	10.9243	10.9151	11.0029	11.0086	11.0037	10.9614	11.0084	11.0047	10.9866	11.0162	11.0527
368.871	362.752	362.476	362.594	362.299	362.182	362.039	362.008	362.027	361.961	361.921	362.002	362.011
.007526	30.1495	30.1986	30.2524	30.2953	30.3266	30.3554	30.3794	30.4009	30.4178	30.4332	30.4471	30.4607
77.8604	79.2941	78.3851	78.0757	79.5507	80.7623	81.3780	81.8225	82.1391	82.3986	82.5566	82.6100	82.7626
.000121	.090544	.161913	.258636	.353872	.449280	.544563	.638906	.734507	.829310	.924998	1.01978	1.11516
.000040	.145148	.269214	.437060	.603266	.771001	.937477	1.10401	1.27185	1.43902	1.60649	1.77297	1.94120
72.0588	72.2212	72.3035	72.3602	72.5303	72.5098	72.5642	72.6437	72.7163	72.8514	72.9591	73.1393	73.3396
.163468	.163846	.164684	.165774	.166543	.167184	.167701	.168618	.169779	.171244	.173345	.175886	.180401
.159649	.160558	.165673	.165222	.158897	.158394	.163190	.166716	.166199	.169938	.171346	.173732	.176984
14.4462	14.4107	14.4382	14.4461	14.4492	14.4401	14.4512	14.4638	14.4472	14.4651	14.4492	14.4705	14.4487
1292.28	1292.29	1292.22	1292.25	1292.28	1292.20	1292.23	1292.20	1292.21	1292.19	1292.13	1292.14	1292.18
76.7828	76.8702	76.6399	77.3677	78.7794	79.4658	79.9478	80.2748	80.5912	80.9476	81.0763	81.2652	81.2652
76.1127	75.8155	76.6324	79.8739	80.3453	80.5270	80.7102	80.8352	80.9191	80.9856	81.0192	81.0869	81.1044
76.4658	86.5723	106.207	139.273	173.855	208.106	236.164	266.112	299.293	335.079	377.530	413.839	444.119
77.5459	77.6060	77.6375	77.6475	77.6157	77.6675	77.6538	77.6450	77.5978	77.6913	77.6473	77.7439	77.6479
77.3723	91.0228	107.601	125.766	139.282	150.525	159.968	168.908	176.709	183.954	190.990	197.430	203.583
73.3840	73.4786	73.4546	73.4936	73.5071	73.5510	73.6518	73.7756	73.7708	73.8488	73.8488	73.8428	73.8514
72.7624	73.4982	74.1369	74.6088	74.8647	74.9844	75.1851	75.4225	75.5435	75.6466	75.7878	75.8914	75.9802
74.2540	301.343	758.845	1303.48	1348.14	1352.54	1386.94	1400.43	1438.68	1445.69	1459.87	1464.21	1475.93
74.3124	203.970	266.688	299.459	319.447	340.097	368.840	406.796	430.521	441.743	460.713	493.105	521.977
76.8014	278.970	581.093	1073.76	1189.02	1202.41	1263.28	1313.79	1368.23	1411.77	1451.07	1477.51	1503.41
75.5385	258.365	312.645	339.545	360.373	386.076	424.162	496.802	667.606	920.303	1111.79	1165.11	1252.71

RUN DATA-PT		211.001	211.002	211.003	211.004	211.005	211.006	211.007	211.008	211.009	211.010	211.011	211.012	211.013
88 TH-5	DEG F	75.4387	260.743	515.403	850.890	1014.41	1041.49	1109.01	1167.62	1208.65	1245.41	1281.74	1315.34	1345.42
89 TH-6	DEG F	74.9182	254.410	309.898	333.753	348.235	367.499	394.017	427.569	470.589	514.225	574.400	660.376	759.012
90 WD TURB FM	LB/SEC-P	.249756	.138441	.137720	.136865	.135888	.135570	.135400	.135082	.135045	.135186	.135360	.135357	.135162
91 WF TURB FM	LB/SEC-P	.249756	.167764	.166590	.166914	.167187	.167429	.167528	.167301	.167452	.167518	.167518	.167391	.167543
92 MR TURB FM		.25146	.826401	.825218	.819982	.812555	.809722	.808225	.807420	.806468	.806992	.808033	.808629	.806730
99 MIDPT			.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000
100 AT	SQ.IN.	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190
101 AE	SQ.IN.	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670
102 PA	PSIA	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	.001323	.001323	.001323	.001323	.001323	.001323	.001323	.001323	.001323	.001323	.001323	.001323	.001323
105 WD	LB/SEC-P	.138779	.137473	.136533	.135648	.135442	.135016	.135000	.135016	.135000	.135016	.135000	.135016	.135175
106 WF	LB/SEC-P	.167767	.166884	.166920	.167185	.167428	.167527	.167303	.167451	.167520	.167512	.167397	.167538	.167538
107 WT	LB/SEC-P	.306547	.304357	.303453	.302833	.302870	.302831	.302831	.302451	.302451	.302451	.302451	.302451	.302713
108 MR		.827213	.823761	.817954	.811360	.808956	.807657	.807013	.806204	.806887	.808038	.808532	.808683	.808683
109 F SL	LBS	67.0608	67.3181	67.3425	67.1904	67.1107	67.0475	67.1948	67.2640	67.1893	67.1602	67.0789	67.1429	67.1429
110 F VAC	LBS	72.1981	72.4553	72.4798	72.3276	72.2479	72.1847	72.3320	72.4013	72.3265	72.2974	72.2161	72.2801	72.2801
111 ISP VAC	SECS	235.521	238.060	238.850	238.837	238.544	238.366	239.258	238.946	238.709	238.539	238.774	238.774	238.774
112 C STAR	FT/SEC	5591.37	5633.25	5643.90	5643.83	5637.71	5633.53	5647.59	5642.16	5632.09	5623.91	5624.07	5626.69	5626.69
113 CF		1.35429	1.35872	1.36065	1.36059	1.36040	1.36040	1.36208	1.36410	1.36406	1.36468	1.36367	1.36438	1.36438
114 XDIF F	PERCENT	-.06037	-.05094	-.05615	-.06006	-.02928	-.04960	-.03457	-.08710	-.07968	-.06427	-.05803	-.06388	-.06388
115 XDIF FMD	PERCENT	.131845	-.05084	.072889	-.02873	-.00786	-.04085	-.03457	-.08710	-.07968	-.06427	-.05803	-.06388	-.06388
116 XDIF FHF	PERCENT	.030977	.016363	.001146	.006953	.002222	.013875	.026860	.022115	-.00023	.018583	.035159	.028512	.028512
117 XDIF FMD PD	PERCENT	-.8.0914	.183353	1.06219	.582215	.650894	.510500	.413333	1.00844	.619551	.057697	.795647	.085664	.085664
118 XDIF FMD PD	PERCENT	-7.0043	.486239	.334508	.039422	.448588	-.40456	.546462	.050127	.439519	-.54300	.753072	.223467	.223467
120 XDIF FMD PD	PERCENT	1.43437	1.43062	1.42896	1.42832	1.42808	1.42783	1.42766	1.42755	1.42746	1.42741	1.42732	1.42730	1.42730
121 SG		1.00491	1.00351	1.00289	1.00266	1.00256	1.00247	1.00241	1.00237	1.00233	1.00232	1.00228	1.00228	1.00228
122 SGF		1.43235	1.43291	1.43364	1.43417	1.43423	1.43438	1.43457	1.43471	1.43471	1.43471	1.43471	1.43471	1.43471
123 SGJ		1.00491	1.00351	1.00289	1.00266	1.00256	1.00247	1.00241	1.00237	1.00233	1.00232	1.00228	1.00228	1.00228
124 SGFRI		1.00491	1.00351	1.00289	1.00266	1.00256	1.00247	1.00241	1.00237	1.00233	1.00232	1.00228	1.00228	1.00228
125 SGFJ		1.00491	1.00351	1.00289	1.00266	1.00256	1.00247	1.00241	1.00237	1.00233	1.00232	1.00228	1.00228	1.00228
126 AVSGF		1.00491	1.00351	1.00289	1.00266	1.00256	1.00247	1.00241	1.00237	1.00233	1.00232	1.00228	1.00228	1.00228
127 AVSGD		1.00491	1.00351	1.00289	1.00266	1.00256	1.00247	1.00241	1.00237	1.00233	1.00232	1.00228	1.00228	1.00228
128 ROVJ		240.162	244.487	243.874	245.148	245.128	246.097	244.711	249.238	248.142	246.878	243.256	248.744	248.744
130 ROJ		4465.22	4528.47	4562.34	4580.67	4581.36	4579.08	4586.99	4584.10	4587.64	4588.14	4594.74	4584.18	4584.18
132 RFRV		-15.554	-15.675	-15.649	-15.592	-15.544	-15.523	-15.362	-15.534	-15.521	-15.521	-15.542	-15.514	-15.514
133 RFRVJ		152.344	155.808	159.109	163.508	153.629	155.726	156.992	154.776	153.286	155.613	162.911	158.860	158.860
134 RFJ		3641.04	3657.95	3665.41	3656.35	3653.30	3652.75	3653.21	3653.46	3657.39	3661.75	3667.10	3662.91	3662.91
136 KOVJ		.044528	.063955	.064035	.063868	.063871	.063745	.063925	.063342	.063482	.063644	.064116	.063405	.063405
137 KOJ		.014965	.014860	.014805	.014775	.014774	.014778	.014765	.014770	.014764	.014763	.014753	.014770	.014770
140 KVVJ		.081019	.080113	.079278	.078204	.080680	.080134	.079811	.080380	.080770	.080164	.078347	.079340	.079340
141 KFJ	LB/SEC	.016572	.016534	.016517	.016538	.016540	.016546	.016545	.016544	.016535	.016526	.016513	.016523	.016523
142 WD PD	LB/SEC	.127550	.137728	.137983	.136437	.136323	.135995	.135574	.136361	.136007	.135435	.136423	.135291	.135291
143 WF PD	LB/SEC	.156016	.167696	.167479	.167251	.168179	.168849	.168217	.167535	.168256	.166603	.168357	.167913	.167913
144 WT PD	LB/SEC	.283567	.305424	.305462	.303689	.304284	.303791	.303896	.304263	.302037	.304780	.303203	.303203	.303203
145 MR PD		.817544	.821295	.823886	.815763	.810584	.815077	.805945	.813926	.808333	.812919	.810322	.805722	.805722
146 ISP PD	SECS	254.607	237.229	237.279	238.164	237.265	238.356	238.098	238.243	237.710	239.366	236.945	238.388	238.388
147 CSTAR PD	FT/SEC	6044.49	5613.59	5606.79	5627.93	5607.49	5633.29	5620.22	5615.33	5602.96	5639.39	5586.50	5617.59	5617.59
149 ROVJ PD		284.309	243.584	238.774	242.318	241.969	243.604	244.700	244.286	245.096	246.593	239.431	248.318	248.318
150 ROJ PD		5286.04	4511.73	4466.94	4527.80	4522.32	4532.68	4549.30	4493.02	4531.92	4582.85	4522.49	4576.33	4576.33
152 RFRV PD		-17.985	-15.524	-15.545	-15.580	-15.406	-15.649	-15.393	-15.518	-15.385	-15.691	-15.365	-15.445	-15.445
153 RFRVJ PD		176.157	154.304	158.049	163.380	152.260	156.994	155.290	154.621	151.948	157.316	161.060	158.153	158.153

RUN	DATA-PT	211.001	211.002	211.003	211.004	211.005	211.006	211.007	211.008	211.009	211.010	211.011	211.012	211.013
154	RFJ PD	4210.18	3622.63	3641.01	3653.47	3622.72	3682.49	3613.61	3650.00	3625.45	3701.84	3625.42	3696.59	
156	KDVJ PD	.059307	.064073	.064715	.064240	.064287	.064071	.064190	.063981	.063875	.063681	.064626	.063459	
157	KDJ PD	.013754	.014888	.014962	.014861	.014870	.014853	.014826	.014919	.014856	.014772	.014870	.014782	
160	KFVJ PD	.075344	.080503	.079543	.078235	.081041	.079810	.080247	.080420	.081125	.079728	.078796	.079517	
161	KFJ PD	.015412	.016615	.016573	.016544	.016614	.016479	.016635	.016552	.016608	.016436	.016608	.016560	
162	POVIT	313.329	313.089	312.363	311.271	310.850	310.485	310.496	310.367	310.304	310.245	310.184	310.055	
163	PDJT	310.102	309.862	309.187	308.119	307.708	307.336	307.379	307.193	307.136	307.084	307.070	306.879	
164	PFRT	355.873	355.544	355.683	355.402	355.176	355.082	355.051	355.064	354.969	354.934	355.049	355.090	
165	PFVIT	356.308	355.979	356.118	355.837	355.611	355.516	355.485	355.498	355.404	355.369	355.484	355.525	
166	PFJT	352.041	351.655	351.697	351.279	351.315	351.156	351.101	351.169	351.112	351.013	350.929	351.076	
173	WC00L TRIP	.162202	.165179	.165498	.162720	.162789	.165446	.167667	.167989	.170591	.172346	.174809	.178693	
174	DT TRIP	.019615	.682289	1.11524	1.35754	1.43336	1.53333	1.64691	1.77262	1.79819	1.93895	2.04860	2.12879	
175	GTW	.003182	.112700	.184570	.220900	.233336	.253682	.276133	.297781	.306755	.334170	.358114	.380399	
176	WC00L NOZ	.260604	.260643	.260683	.260731	.260786	.260851	.260930	.260955	.261018	.261200	.261320	.261216	
177	DT NOZ	13.4167	29.9637	48.1182	61.6663	72.8576	82.3141	91.2635	99.1116	106.262	113.343	119.686	125.935	
178	GNW	3.49646	7.80982	12.5436	16.0783	19.0002	21.4717	23.8134	25.8637	27.7365	29.6052	31.2764	32.8962	

100

211.014 211.015 211.016 211.017

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RUN	DATA-PT	211.014	211.015	211.016	211.017
88	TH-S	1377.51	1406.95	1428.57	1217.98
89	TH-6	856.241	946.914	1001.32	593.364
90	W0 TURB FM	LB/SEC-F	.135030	.134996	.135371
91	W1 TURB FM	LB/SEC-F	.167616	.167555	.167436
92	MR TURB FM		.805597	.805916	.805183
99	MDFT		12.5000	13.5000	14.3955
100	AT	SG.IN.	.213190	.213190	.213190
101	AE	SG.IN.	.354670	.354670	.354670
102	PA	PSIA	14.4845	14.4845	14.4845
103	NO CONTENT	PERCENT	1.60000	1.60000	1.60000
104	F ZERO	LB	.001323	.001323	.001323
105	W0	LB/SEC-P	.135061	.135073	.135045
106	W1	LB/SEC-P	.167610	.167558	.167436
107	W1	LB/SEC-P	.302672	.302631	.302704
108	MR		.805805	.806123	.805473
109	F SL	LB	67.1323	67.0059	67.0754
110	F VAC	LB	72.2695	72.1431	72.2127
111	ISP VAC	SECS	238.772	238.386	238.559
112	C STAR	FT/SEC	5624.38	5624.87	5623.67
113	CF		1.36493	1.36261	1.36388
114	XDIFF F	PERCENT	-.04496	-.02269	-.05156
115	XDIFF FMO	PERCENT	-.05584	-.04330	-.06496
116	XDIFF FMF	PERCENT	-.02718	.046679	.009772
119	XDIFF FMO PD %		-.42713	.659082	3.75877
120	XDIFF FMF PD %		.458333	.177187	5.20975
121	SG0		1.42729	1.42719	1.42721
122	SGF		1.00227	1.00224	1.00224
123	SG0J		1.43438	1.43406	1.43388
124	SGFRI		1.00227	1.00224	1.00224
125	SGFJ		1.00227	1.00223	1.00224
126	AVSGF		1.00227	1.00223	1.00224
127	AVSG0		1.43084	1.43063	1.43054
129	ROVJ		250.168	246.792	251.188
130	ROJ		4584.52	4580.99	4577.06
132	RFRV		-15.502	-15.510	-15.491
133	RFVJ		155.805	157.372	153.014
134	RFJ		3664.48	3664.50	3661.75
136	KOVJ		.063224	.063655	.063096
137	K0J		.014769	.014775	.014781
140	KFVJ		.080114	.079714	.080842
141	KFJ		.016519	.016519	.016526
142	W0 PD	LB/SEC	.134484	.135963	.140121
143	W1 PD	LB/SEC	.168379	.167855	.176394
144	W1 PD	LB/SEC	.302863	.303818	.316515
145	MR PD		.798702	.810001	.794365
146	ISP PD	SECS	238.621	237.455	228.150
147	CSTAR PD	FT/SEC	5620.83	5602.89	5378.29
149	ROVJ PD		252.319	243.570	233.319
150	ROJ PD		4623.93	4521.20	4251.44
152	RFRV PD		-15.361	-15.455	-13.995
153	RFVJ PD		154.387	156.816	138.235

RUN DATA-PT		211.014	211.015	211.016	211.017
154 RFJ PD	PSIA	3631.12	3651.55	3308.09	3613.39
156 KOVJ PD	PSIA	.062954	.064075	.065467	.064138
157 KOJ PD	PSIA	.014706	.014872	.015337	.014888
160 KVVJ PD	PSIA	.080481	.079855	.085053	.080344
161 KFJ PD	PSIA	.016595	.016549	.017386	.016636
162 FOVIT	PSIA	309.851	309.775	309.770	310.449
163 POJT	PSIA	306.661	306.627	306.567	307.290
164 PFRIT	PSIA	355.006	354.975	354.911	355.103
165 PFVIT	PSIA	355.440	355.410	355.345	355.537
166 PFJT	PSIA	351.073	351.001	351.054	351.149
173 WCOOL TRIP	LB/SEC	.188895	.212944	.249553	.180727
174 DT TRIP	DEG F	2.20965	2.36871	2.44949	1.83875
175 QTW	BTU/SEC	.417391	.504404	.611276	.332313
176 WCOOL NOZ	LB/SEC	.261032	.261259	.261356	.261030
177 DT NOZ	DEG F	130.888	136.130	140.605	102.702
178 QNW	BTU/SEC	34.1660	35.5650	36.7481	26.8083

FILE HHIPC

100 LB ENGINE PERFORMANCE JOB J10-100LB A

J0014
09-23-94
17:27:13TEST NO. LX01-D02-0A-112 DATE 09-21-94 2144 HOURS DURATION 15.000 SECONDS
CONFIG: E CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.3"

RUN-DATA-PT

212.001 212.002 212.003 212.004 212.005 212.006 212.007 212.008 212.009 212.010 212.011 212.012 212.013

0	START TIME	0	50000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000
1	STOP TIME	1	05000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000
2	TIME OF DAY	2	21.4400	21.4400	21.4400	21.4400	21.4400	21.4400	21.4400	21.4400	21.4400	21.4400	21.4400	21.4428
3	FMD-1	3	019047	103852	103264	103028	102990	103076	103182	103088	103181	103240	103225	103059
4	FMD-2	4	000341	103912	103256	103002	102979	103053	103169	103079	103174	103200	103193	103048
5	FMD-1	5	003959	152185	151157	151132	150984	151004	151004	151041	151064	151245	151262	151027
6	FMD-2	6	001915	152168	151224	151198	151076	150883	151000	151062	151098	151237	151281	151315
7	FMD-1	7	266108	266098	266113	266393	266430	266522	266673	266618	266634	266678	266632	266701
8	FMD-2	8	236.236	236.286	236.331	236.297	236.290	236.292	236.302	236.337	236.319	236.326	236.331	236.298
9	POTR	9	250.541	250.576	250.475	250.503	250.572	250.576	250.538	250.553	250.552	250.539	250.575	250.566
10	PFR	10	00039	00035	00036	00037	00037	00037	00035	00035	00035	00034	00034	00034
11	FMD-2	11	329.740	321.441	320.746	320.335	320.123	320.095	320.025	319.909	319.914	319.868	319.572	319.449
12	POVI	12	14.5554	248.979	248.857	248.721	248.638	248.419	248.321	248.313	248.089	248.032	247.961	247.735
13	PC-1	13	346.245	336.260	335.482	335.051	334.879	334.747	334.637	334.610	334.599	334.538	334.502	334.546
14	PFVI	14	10.5430	313.756	313.007	312.692	312.702	312.527	312.558	312.475	312.333	312.347	312.266	311.911
15	POJ	15	11.2980	329.589	328.648	328.360	328.077	327.814	327.880	327.880	327.777	327.861	327.852	327.824
16	PFJ	16	002705	00508	002696	003435	001995	003714	002783	003016	003578	002980	004181	003878
17	FCAL-A	17	019662	025917	026698	021602	008714	014931	009286	004063	000261	004960	000377	000476
18	FCAL-B	18	00178	66.6559	66.7812	66.9443	66.9321	66.9296	66.9164	66.9837	66.9276	66.9164	66.9374	66.9084
19	FA	19	004556	66.5553	66.6299	66.7943	66.8084	66.7780	66.7896	66.8520	66.7991	66.7805	66.8069	66.7851
20	FB	20	328.391	321.531	320.667	320.304	320.259	320.109	320.116	320.033	319.891	319.887	319.856	319.449
21	PDI-1	21	1015.16	1015.12	1015.27	1015.23	1015.21	1015.18	1015.24	1015.20	1015.20	1015.20	1015.22	1015.24
22	PDI-2	22	75.6937	75.7590	75.9212	75.9546	75.9257	75.9175	75.9412	76.0091	76.0120	76.0173	76.1261	76.2772
23	PHE	23	74.6294	76.4524	74.9401	135.862	180.141	221.337	236.665	288.144	315.013	338.297	358.530	376.184
24	TJB-3	24	71.7554	71.6466	71.8233	71.7382	71.6693	71.6878	71.6512	71.6577	71.7182	71.7366	71.7168	71.6718
25	TGN-1	25	74.2483	74.9613	74.7372	74.2175	73.7725	73.6083	73.6564	73.4850	73.4497	73.5767	73.5146	73.7520
26	TGN-2	26	249756	138076	148900	147725	148835	147830	148714	148723	147675	148078	147300	147871
27	WDFDM	27	249756	142035	152311	151224	152051	152560	151507	152085	151454	151905	151958	152558
28	WDFDM	28	10.4750	10.4791	10.5319	10.5705	10.5338	10.6143	10.5130	10.5305	10.5772	10.5843	10.5756	10.5855
29	POTB	29	349.094	343.043	342.095	341.624	341.443	341.342	341.271	341.220	341.161	341.178	341.081	341.028
30	VTCV	30	008086	30.1531	30.2058	30.2598	30.3013	30.3354	30.3626	30.3878	30.4092	30.4254	30.4417	30.4558
31	TEVI	31	76.1817	76.9140	76.2468	76.7982	78.5119	79.7393	80.3413	80.7557	81.1282	81.3279	81.4721	81.5648
32	WDFDM	32	000507	094902	172904	275097	378473	483129	586141	691094	793545	897138	1.00052	1.10372
33	WDFDM	33	000035	130092	244116	393945	544544	698081	848253	1.00131	1.15069	1.30250	1.45437	1.60586
34	TJB-1	34	73.6030	73.8123	73.7698	73.8943	74.0377	74.0295	74.0899	74.1375	74.2193	74.2848	74.3642	74.4835
35	TJB-2	35	326.031	327.817	330.205	333.693	338.012	343.028	349.368	356.034	363.120	371.126	377.760	383.374
36	FMD-1	36	160873	161428	162210	163448	164276	164987	165735	166978	168648	170769	174894	183590
37	FMD-2	37	159099	158083	159265	160791	161943	161832	164028	165190	164684	171058	172825	182560
38	PHU	38	14.5068	14.4927	14.4980	14.5019	14.5260	14.5242	14.5209	14.5214	14.5209	14.5144	14.5077	14.5179
39	PVHE	39	1276.73	1276.65	1276.71	1276.72	1276.68	1276.72	1276.65	1276.65	1276.67	1276.65	1276.67	1276.66
40	TOFM	40	74.9214	75.1704	75.8178	76.3117	77.5746	78.1450	78.4664	78.7091	78.9538	79.2036	79.5184	79.8592
41	TEFM	41	74.9199	75.9934	77.7691	78.8222	79.1755	79.3755	79.5065	79.6084	79.6769	79.7730	79.8222	79.8760
42	TJB-1	42	75.6225	82.3387	100.857	133.706	170.841	210.281	246.831	285.842	321.556	356.366	394.078	429.379
43	TJB-2	43	76.0573	76.3678	76.1887	76.1887	76.1997	76.2837	76.2472	76.1938	76.2003	76.2383	76.2411	76.2852
44	TNW1	44	75.9217	90.2820	109.093	128.864	143.827	156.112	167.152	176.759	184.813	192.895	200.448	207.491
45	TNW2	45	76.8345	76.9517	76.9024	76.9311	76.9405	76.9827	77.0120	77.0688	77.0889	77.1638	77.1308	77.1152
46	TNW3	46	76.3717	77.0078	77.6296	78.0703	78.2425	78.3858	78.5428	78.7276	78.8250	78.9459	79.0614	79.1851
47	TNW4	47	75.0571	442.547	895.363	1312.08	1394.14	1436.54	1482.54	1531.80	1575.93	1594.97	1621.24	1657.07
48	TH-1	48	74.9186	317.133	339.224	351.314	366.611	399.197	473.583	657.722	907.010	1130.68	1255.27	1382.83
49	TH-2	49	76.9408	454.709	679.678	1054.43	1223.83	1329.00	1394.96	1445.73	1480.73	1512.45	1541.64	1578.41
50	TH-3	50	76.6275	343.288	373.465	388.517	413.404	434.796	464.482	546.487	670.784	855.529	1063.15	1257.71
51	TH-4	51												

FILE HHIPC

100 LB ENGINE PERFORMANCE JOB J10_100LB.A

J0014

TEST NO. LXDI-D02-0A-112 DATE 09-21-94 2144 HOURS DURATION 15.000 SECONDS
 CONFIG: E CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.3"

09-23-94
 17:27:13

RUN DATA-PT

212.001 212.002 212.003 212.004 212.005 212.006 212.007 212.008 212.009 212.010 212.011 212.012 212.013

88 TH-3	76.7231	345.145	702.954	1240.68	1355.90	1416.41	1468.43	1521.18	1570.04	1625.63	1667.88	1698.64	1716.75
89 TH-6	75.8249	300.654	347.654	360.280	392.839	464.545	599.146	762.987	925.593	1081.73	1210.83	1305.99	1383.63
90 W0 TURB FM	.249756	.149086	.149125	.147705	.147482	.147522	.147632	.147468	.147574	.147594	.147572	.147464	.147311
91 W0 TURB FM	.249756	.152910	.151777	.151675	.151518	.151346	.151461	.151503	.151527	.151680	.151708	.151668	.151738
92 W0 TURB FM	.251146	.974992	.975941	.973827	.973361	.974724	.973368	.973920	.973920	.973663	.972736	.972282	.970827
99 MIDPT	.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	11.5000
100 AT	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190
101 AE	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670	.354670
102 PA	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845	14.4845
103 NO CONTENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	.02367	.02367	.02367	.02367	.02367	.02367	.02367	.02367	.02367	.02367	.02367	.02367	.02367
105 W0	.148990	.147853	.147358	.147265	.147352	.147343	.147347	.147347	.147347	.147347	.147347	.147347	.147268
106 WF	.152906	.151781	.151676	.151514	.151347	.151461	.151502	.151502	.151528	.151680	.151707	.151667	.151738
107 WT	.301895	.299634	.299034	.298780	.298699	.298854	.298854	.298854	.299000	.299200	.299205	.299075	.299006
108 MR	.974389	.974120	.971526	.971959	.973605	.973803	.972571	.973238	.972567	.972252	.971919	.970542	.970542
109 F SL	.66.6293	.66.7292	.66.8930	.66.8939	.66.8775	.66.8767	.66.9416	.66.8845	.66.8721	.66.8959	.66.8704	.66.8561	.66.8561
110 F VAC	.71.7665	.71.8665	.72.0302	.72.0311	.72.0147	.72.0139	.72.0788	.72.0218	.72.0094	.72.0331	.72.0076	.71.9934	.71.9934
111 ISP VAC	.237.720	.239.848	.240.876	.241.084	.241.095	.240.887	.241.188	.240.876	.240.673	.240.749	.240.767	.240.776	.240.776
112 C STAR	.5652.94	.5692.82	.5701.13	.5704.07	.5700.58	.5693.48	.5693.48	.5693.29	.5687.27	.5682.19	.5680.46	.5677.72	.5680.65
113 CF	1.35205	1.35460	1.35842	1.35889	1.35978	1.36030	1.36157	1.36157	1.36180	1.36264	1.36340	1.36275	1.36275
114 XDIFF F	.15086	.22663	.22399	.18484	.22443	.18949	.19661	.19950	.20315	.19496	.18433	.19020	.19020
115 XDIFF FMD	.058391	.00807	.002481	.000994	.002176	.001185	.000898	.000689	.003886	.003084	.001543	.01029	.01029
116 XDIFF FHF	.01130	.044075	.043777	.041042	.005599	.005114	.014019	.022441	.00552	.012944	.034350	.011868	.011868
117 XDIFF FMD PD %	.7.3250	.708419	.249146	1.06573	.324130	.828039	.933620	.137359	.379056	.13417	.03942	.409208	.409208
118 XDIFF FHF PD %	.7.1093	.349181	.29828	.354605	.801381	.030636	.384306	.04880	.148304	.165251	.00518	.540580	.540580
119 XDIFF FMD PD %	1.43422	1.43185	1.43045	1.42998	1.42971	1.42953	1.42940	1.42940	1.42918	1.42911	1.42904	1.42904	1.42904
120 XDIFF FHF PD %	1.00479	1.00391	1.00338	1.00320	1.00310	1.00304	1.00299	1.00295	1.00291	1.00288	1.00285	1.00285	1.00285
121 SGO	1.43552	1.43581	1.43649	1.43708	1.43730	1.43723	1.43746	1.43751	1.43734	1.43742	1.43710	1.43673	1.43673
122 SGOJ	1.00479	1.00391	1.00338	1.00320	1.00310	1.00304	1.00299	1.00295	1.00291	1.00288	1.00285	1.00285	1.00285
123 SGOJ	1.00479	1.00391	1.00338	1.00320	1.00310	1.00304	1.00299	1.00295	1.00291	1.00288	1.00285	1.00285	1.00285
124 SGOJ	1.00479	1.00391	1.00338	1.00320	1.00310	1.00304	1.00299	1.00295	1.00291	1.00288	1.00285	1.00285	1.00285
125 SGOJ	1.00479	1.00391	1.00338	1.00320	1.00310	1.00304	1.00299	1.00295	1.00291	1.00288	1.00285	1.00285	1.00285
126 AVSGF	1.43487	1.43383	1.43347	1.43353	1.43350	1.43338	1.43343	1.43341	1.43326	1.43327	1.43307	1.43289	1.43289
127 AVSGO	482.783	493.940	490.936	484.572	487.885	482.954	484.845	485.722	484.674	487.150	483.883	484.435	484.435
129 ROVJ	4245.52	4270.16	4288.87	4302.11	4300.72	4300.84	4305.05	4303.35	4304.78	4305.62	4309.13	4303.74	4303.74
130 ROVJ	-18.721	-18.965	-18.971	-19.004	-19.043	-19.012	-18.999	-18.999	-18.952	-18.946	-18.953	-18.936	-18.936
132 RFRV	262.004	273.235	267.238	272.720	279.092	274.008	270.671	273.908	269.118	266.723	272.523	268.201	268.201
133 RFRVJ	3509.98	3522.84	3519.18	3517.27	3522.72	3524.42	3522.67	3526.69	3525.61	3527.02	3531.43	3531.12	3531.12
134 RFRVJ	.045512	.044995	.045132	.045428	.045273	.045504	.045415	.045374	.045423	.045307	.045460	.045434	.045434
136 KOVJ	.015347	.015303	.015270	.015246	.015249	.015248	.015241	.015244	.015241	.015241	.015244	.015243	.015243
137 KOJ	.061780	.060497	.061172	.060554	.059859	.060411	.060783	.060422	.060958	.061231	.060576	.061062	.061062
140 KPVJ	.016879	.016848	.016837	.016862	.016848	.016844	.016849	.016849	.016842	.016838	.016838	.016828	.016828
141 KPVJ	.138076	.148900	.147725	.148335	.147830	.148714	.148723	.147675	.148078	.147300	.147300	.147871	.147871
142 WD PD	.142035	.152311	.151224	.152051	.152560	.151507	.152085	.151454	.151905	.151958	.151659	.152558	.152558
143 WF PD	.280111	.301211	.278549	.300386	.300389	.300221	.300807	.299129	.299984	.299257	.299010	.300429	.300429
144 WT PD	.972127	.977608	.976860	.978846	.978996	.981565	.977893	.975050	.974008	.969345	.971587	.969274	.969274
145 MR PD	.256.207	.238.592	.240.545	.239.396	.239.738	.239.869	.239.618	.240.772	.240.044	.240.706	.240.821	.239.635	.239.635
146 ISP PD	.6092.36	.5663.01	.5702.75	.5664.13	.5668.50	.5669.44	.5658.22	.5684.82	.5667.33	.5679.46	.5678.98	.5653.74	.5653.74
147 CSTAR PD	.562.117	.487.015	.488.499	.474.406	.484.737	.475.054	.475.917	.484.391	.481.020	.488.460	.484.265	.480.495	.480.495
149 ROVJ PD	.4949.18	.4210.29	.4267.58	.4211.86	.4272.98	.4230.49	.4225.77	.4291.55	.4272.33	.4317.20	.4312.53	.4268.73	.4268.73
150 ROJ PD	-21.696	-18.934	-17.084	-18.070	-18.741	-19.000	-18.054	-19.012	-18.895	-18.883	-18.954	-18.733	-18.733
152 RFRV PD	.303.643	.271.327	.268.839	.270.796	.274.672	.273.840	.268.603	.274.175	.268.321	.265.843	.272.552	.265.324	.265.324
153 RFRV PD													

FILE HHIPC

TEST NO. LYD1-D02-0A-112 100 LB ENGINE PERFORMANCE JOB J10_100LB_A J0014
 DATE 09-21-94 2144 HOURS DURATION 15.000 SECONDS 09-23-94
 CONFIG: E CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.3" 17:27:13

RUN, DATA-PT	212.001	212.002	212.003	212.004	212.005	212.006	212.007	212.008	212.009	212.010	212.011	212.012	212.013
154 RFJ PD	4067.80	3498.37	3540.26	3492.46	3466.93	3522.26	3495.75	3530.14	3515.18	3515.40	3531.80	3493.25	
156 KOVJ PD	.042178	.045314	.045245	.045912	.045420	.045881	.045839	.045436	.045595	.045247	.045442	.045620	
157 KOJ PD	.014223	.015411	.015308	.015409	.015298	.015375	.015383	.015265	.015299	.015219	.015228	.015306	
160 KFVJ PD	.057388	.060708	.060989	.060769	.060338	.060430	.061016	.060393	.061048	.061332	.060573	.061392	
161 KFJ PD	.015679	.016907	.016807	.016921	.016984	.016850	.016913	.016831	.016867	.016866	.016827	.016919	
162 POVIT	322.097	321.402	320.989	320.892	320.778	320.749	320.679	320.564	320.568	320.522	320.226	320.103	
163 POJT	314.629	313.871	313.552	313.561	313.388	313.419	313.336	313.194	313.209	313.127	312.889	312.771	
164 PFRIT	336.313	335.534	335.103	334.931	334.799	334.761	334.689	334.662	334.651	334.590	334.554	334.598	
165 PFVIT	336.748	335.970	335.538	335.366	335.234	335.195	335.123	335.097	335.086	335.025	334.989	335.033	
166 FFJT	330.652	329.699	329.411	329.126	328.861	328.929	328.929	328.826	328.912	328.904	328.738	328.876	
173 WC00L TRIP	.159756	.160738	.162119	.163109	.163409	.164882	.166084	.166666	.170913	.173659	.183075	.206230	
174 DT TRIP	.056122	.727173	1.13926	1.30161	1.40316	1.53089	1.65882	1.73610	1.78210	1.93066	2.06988	2.18262	
175 QTM	.008966	.116884	.184696	.212305	.229290	.252416	.275504	.289349	.304586	.335662	.378943	.450122	
176 WC00L NOZ	.266098	.266113	.266393	.266430	.266522	.266673	.266618	.266634	.266678	.266632	.266826	.266701	
177 DT NOZ	13.9142	32.9039	52.6643	67.5437	79.8648	90.9583	100.559	108.574	116.651	124.207	131.290	137.584	
178 GNW	3.70255	8.75614	14.0294	17.9957	21.2857	24.2561	26.8108	28.9497	31.1082	33.1175	35.0316	36.6937	

FILE NHIPC

TEST NO. LXDI-002-0A-112 DATE 09-21-94 2144 HOURS DURATION 15.000 SECONDS
CONFIG: E CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.3"

J0014
09-23-94
17:27:13

100 LB ENGINE PERFORMANCE JOB J10_100LB_A

RUN DATA-PT

	212.014	212.015	212.016	212.017
0 START TIME	12.0000	13.0000	14.0000	2.00000
1 STOP TIME	13.0000	14.0000	14.8000	14.8000
2 TIME OF DAY	21.4500	21.4500	21.4500	21.4426
3 FMD-1	.103148	.103224	.103249	.103143
4 FMD-2	.103132	.103221	.103242	.103127
5 FME-1	.151252	.151260	.151208	.151142
6 FME-2	.151312	.151334	.151196	.151173
7 FME-3	.266818	.266824	.266860	.266664
8 FMD-1	236.357	236.333	236.362	236.320
9 FMD-2	250.553	250.545	250.607	250.553
10 FMD-3	-.00033	-.00032	-.00029	-.00034
11 FMD-4	319.539	319.722	319.631	319.876
12 FMD-5	247.799	247.866	247.808	248.113
13 FMD-6	334.581	334.613	334.689	334.670
14 FMD-7	311.954	312.155	312.088	312.309
15 FMD-8	327.830	327.874	327.772	327.883
16 FMD-9	-.04413	-.03047	-.03902	-.03359
17 FMD-10	-.00580	-.00663	-.00578	.002210
18 FMD-11	66.9314	66.9391	66.8896	66.9267
19 FMD-12	66.8052	66.8138	66.7566	66.7946
20 FMD-13	319.545	319.689	319.650	319.874
21 FMD-14	1015.25	1015.23	1015.28	1015.22
22 FMD-15	76.3316	76.4208	76.5465	76.1414
23 FMD-16	405.452	417.743	429.251	317.557
24 FMD-17	71.7534	71.7500	71.8264	71.7126
25 FMD-18	74.2202	74.5125	74.7408	73.8952
26 FMD-19	.147292	.148917	.155051	.148637
27 FMD-20	.151884	.152526	.159612	.152613
28 FMD-21	10.5829	10.5849	10.6239	10.5716
29 FMD-22	341.132	341.203	341.257	341.239
30 FMD-23	30.4786	30.4883	30.4980	30.4094
31 FMD-24	81.7484	81.7676	81.8658	80.6811
32 FMD-25	1.30992	1.41296	1.51538	.902167
33 FMD-26	1.90904	2.05990	2.20989	1.31112
34 FMD-27	74.8554	75.0980	75.3552	74.4335
35 FMD-28	401.072	408.072	413.551	371.925
36 FMD-29	.259111	.319530		.185567
37 FMD-30	.250592	.311695		.187289
38 FMD-31	14.5238	14.5444	14.5398	14.5229
39 FMD-32	1276.61	1276.61	1276.64	1276.65
40 FMD-33	79.6371	79.7089	79.8314	78.8442
41 FMD-34	79.9171	79.9363	80.0014	79.6467
42 FMD-35	497.896	530.555	562.291	356.045
43 FMD-36	76.2637	76.2824	76.3332	76.2481
44 FMD-37	219.965	224.969	228.498	180.506
45 FMD-38	77.1008	77.0984	77.1126	77.0634
46 FMD-39	79.4202	79.5826	79.8181	78.9362
47 FMD-40	1686.58	1696.14	1704.27	1568.45
48 FMD-41	1566.26	1575.50	1611.36	1019.59
49 FMD-42	1548.50	1567.56	1673.61	1476.47
50 FMD-43	1440.94	1474.86	1562.57	1501.49
51 FMD-44				
52 FMD-45				
53 FMD-46				
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93 FMD-86				
94 FMD-87				
95 FMD-88				
96 FMD-89				
97 FMD-90				

FILE HHIPC

TEST NO. LXD1-D02-0A-112 DATE 09-21-94 2144 HOURS DURATION 15.000 SECONDS
CONFIG: E CHAMBER F/N 1208172-2 HTRIP=.25" LTRIP=.3"

J0014
09-23-94
17:27:13

100 LB ENGINE PERFORMANCE JOB J10_100LB_A

RUN DATA-PT

212.014 212.015 212.016 212.017

88 TH-5	DEG F	1727.19	1736.16	1744.10	1577.70
89 TH-6	DEG F	1465.73	1512.43	1533.60	1004.77
90 W0 TURB FM	LB/SEC-P	.147425	.147529	.147550	.147525
91 W0 TURB FM	LB/SEC-P	.151715	.151726	.151624	.151607
92 MR TURB FM	LB/SEC-P	.971730	.972345	.973136	.973082
99 MIDPT		12.5000	13.5000	14.4000	8.40000
100 AT	SO.IN.	.213190	.213190	.213190	.213190
101 AE	SO.IN.	.354670	.354670	.354670	.354670
102 PA	PSIA	14.4845	14.4845	14.4845	14.4845
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.02367	-.02367	-.02367	-.02367
105 W0	LB/SEC-P	.147385	.147501	.147524	.147416
106 WF	LB/SEC-P	.151711	.151724	.151624	.151606
107 WT	LB/SEC-P	.299097	.299225	.299148	.299022
108 MR		.971488	.972165	.972964	.972360
109 F SL	LBS	66.8920	66.9011	66.8468	66.8844
110 F VAC	LBS	72.0292	72.0383	71.9840	72.0216
111 ISP VAC	SECS	240.823	240.749	240.630	240.857
112 C STAR	FT/SEC	5678.80	5677.88	5678.02	5687.42
113 CF		1.36346	1.36327	1.36256	1.36159
114 XDIFF F	PERCENT	-.18849	-.18415	-.19884	-.19734
115 XDIFF FMO	PERCENT	-.01594	-.00289	-.00711	-.01577
116 XDIFF FHF	PERCENT	.039644	.048951	-.00794	.021079
119 XDIFF FMO PD %		-.06352	.959900	5.10191	.828179
120 XDIFF FHF PD %		.114299	.528548	5.26883	.664333
121 SGO		1.42898	1.42896	1.42887	1.42934
122 SGF		1.00283	1.00282	1.00279	1.00297
123 SGOJ		1.43648	1.43610	1.43579	1.43692
124 SGFR1		1.00283	1.00282	1.00278	1.00296
125 SGFJ		1.00282	1.00281	1.00278	1.00296
126 AVSGF		1.00283	1.00282	1.00279	1.00296
127 AVSGO		1.43273	1.43253	1.43233	1.43313
129 ROVJ		486.691	484.613	482.797	485.444
130 ROJ		4299.78	4300.43	4297.57	4301.62
132 RFRV		-18.941	-18.938	-18.962	-18.974
133 RFVJ		269.548	269.006	277.152	271.577
134 RFJ		3532.78	3531.11	3533.72	3526.67
136 KOVJ		.045329	.045426	.045511	.045387
137 KOJ		.015251	.015249	.015254	.015247
140 KVVJ		.060909	.060970	.060068	.060681
141 KVVJ		.016824	.016828	.016832	.016839
142 W0 PD	LB/SEC	.147292	.148917	.155051	.148637
143 WF PD	LB/SEC	.151884	.152526	.159612	.152613
144 WT PD	LB/SEC	.299176	.301443	.314663	.301250
145 MR PD		.969762	.976336	.971421	.973942
146 ISP PD	SECS	240.758	238.978	228.765	239.076
147 CSTAR PD	FT/SEC	5677.28	5636.10	5398.05	5645.35
149 ROVJ PD		487.299	475.441	437.063	477.503
150 ROJ PD		4304.85	4219.05	3890.47	4231.25
152 RFRV PD		-18.896	-18.739	-17.112	-18.724
153 RFVJ PD		249.623	244.195	250.163	249.004

FILE HHIPC

TEST NO. LX01-002-0A-112 DATE 09-21-94 2144 HOURS DURATION 15.000 SECONDS
 CONFIG: E CHAMBER P/N 1208172-2 HTRIP=.25" LTRIP=.3"

J0014
 09-23-94
 17:27:13

RUN-DATA-PT

154 REF PD	212.014	212.015	212.016	212.017
156 KOVJ PD	3524.71	3494.07	3188.84	3480.27
157 KOJ PD	.045300	.045862	.047833	.045763
160 KVVJ PD	.015241	.015395	.016032	.015373
161 KFJ PD	.060979	.061293	.063233	.061084
	.016844	.016917	.017709	.016951
162 POVIT	320.193	320.376	320.285	320.531
163 FOJT	312.814	313.016	312.949	313.170
164 FFRIT	334.633	334.665	334.741	334.722
165 PFVIT	335.068	335.100	335.176	335.157
166 PFJT	328.882	328.925	328.822	328.933
173 WC00L TRIP	.254852	.315613		.186428
174 DT TRIP	2.31944	2.48412	2.70549	1.87280
175 QTW	.591112	.784021	2.705488	.349141
176 WC00L NOZ	.266818	.266824	.266860	.266664
177 DT NOZ	143.702	148.687	152.165	112.258
178 ONW	38.3421	39.6732	40.6068	29.9352

RUN DATA-PT

0 START TIME

1 STOP TIME

2 TIME OF DAY

3 FMO-1

4 FMO-2

5 FMO-1

6 FMO-2

7 FMO-2

9 PTR

10 PTR

12 POVI

15 PC-1

16 PFVI

17 POJ

18 PFJ

19 FCAL-A

20 FCAL-B

21 FA

22 FB

27 POL-1

29 PHE

30 TJB-3

31 TCN-1

35 TCELL

38 TC-4

39 TC-5

40 TC-6

46 TC-1

47 TC-2

48 TC-3

50 TOV

52 WOPDFM

53 WOPDFM

54 POTS

55 PEL

56 VTCV

57 TFVI

58 WOPDFM

59 WOPDFM

68 TJB-1

69 TJB-2

73 FMTN-1

74 FMTN-2

75 PHU

76 PVHE

77 TOFH

78 TFFM

79 TTFB-1

82 TTFB-1

83 TTWD

90 NO TURB FM

91 WF TURB FM

HRS.MIN

LB-W

LB-W

LB-W

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-.50000 .50000 1.00000 2.00000 3.00000 4.00000 5.00000 6.00000 7.00000 8.00000 9.00000 10.0000 10.0000 11.0000

-.05000 1.00000 2.00000 3.00000 4.00000 5.00000 6.00000 7.00000 8.00000 9.00000 10.0000 11.0000 12.0000

13.3500 13.3500 13.3500 13.3500 13.3500 13.3500 13.3500 13.3500 13.3500 13.3500 13.3500 13.3529 13.3600

.019187 .090453 .089617 .089213 .088631 .089058 .088889 .088860 .088710 .088669 .088618 .088629 .088629

.000769 .090763 .089790 .089452 .088863 .089347 .089138 .089080 .089029 .088902 .088618 .088629 .088629

.004384 .175961 .175103 .174797 .174675 .174868 .174824 .174781 .174877 .174629 .174687 .174911 .174907

.002136 .175791 .175067 .174642 .174514 .174648 .174673 .174663 .174712 .174460 .174470 .174769 .174780

.263.307 263.194 263.182 263.164 263.139 263.129 263.114 263.109 263.101 263.097 263.093 263.089 263.085

297.135 297.127 296.986 297.159 297.038 297.114 297.179 297.128 297.158 297.116 297.158 297.185 297.159

307.873 301.556 301.084 300.856 299.892 299.435 299.066 298.983 298.882 298.837 298.646 298.602 298.551

11.4802 245.295 245.138 244.804 244.340 243.848 243.577 243.385 243.256 243.130 242.860 242.719 242.608

377.543 366.031 365.088 364.585 364.268 364.112 363.962 363.909 363.759 363.662 363.626 363.507 363.402

152.936 298.918 298.321 298.121 297.068 296.441 295.828 295.364 294.944 294.569 293.839 293.292 292.813

146.599 357.513 356.576 356.063 355.674 355.431 355.383 355.166 355.086 354.840 354.734 354.728 354.622

.116365 .084421 .094955 .101355 .099939 .103287 .082553 .092044 .086612 .086167 .069799 .067810 .060901

-.47960 -.46251 -.43203 -.44333 -.43066 -.44282 -.46600 -.46157 -.46173 -.45033 -.43113 -.43961 -.41546

-.02126 77.7857 78.3655 78.7739 78.8665 78.9364 79.0233 79.1482 79.3319 79.4535 79.5335 79.5335 79.6180

-.00656 77.8070 78.4337 78.8097 78.9011 78.9859 79.0978 79.2252 79.4099 79.4872 79.5319 79.6358 79.7270

309.362 304.118 303.605 303.427 302.398 302.002 301.666 301.526 301.453 301.432 301.204 301.159 301.115

16.2673 16.1257 16.1030 16.1067 16.1685 16.1632 16.1162 16.1751 16.1195 16.2014 16.1812 16.1933 16.1600

79.6592 82.0160 82.5189 83.5225 84.4138 85.1030 85.5127 86.0375 86.3480 86.6741 86.9989 87.3784 87.6888

85.9812 114.907 128.474 149.040 169.398 188.571 207.372 225.097 241.239 255.309 268.908 281.077 292.544

83.4535 97.6889 77.7487 98.0107 97.9815 98.4051 99.3162 99.7570 101.911 103.936 104.244 105.442 106.413

84.2201 615.236 1221.43 1868.71 2323.94 2635.73 2842.18 2988.10 3094.37 3163.61 3212.35 3243.10 3247.46

83.5776 834.029 1424.54 2042.33 2485.03 2798.20 3018.36 3163.79 3270.50 3338.53 3379.86 3406.84 3412.65

75.8426 519.564 825.160 1242.92 1624.59 1950.51 2221.42 2439.83 2636.02 2742.25 2834.23 2908.14 2989.95

94.1142 563.203 1137.33 1707.14 2308.67 2328.16 2485.11 2594.28 2674.82 2724.82 2759.86 2791.74 2819.57

89.0166 540.239 1097.03 1631.91 1970.37 2185.41 2321.22 2422.83 2501.58 2551.98 2590.26 2625.99 2657.32

93.8695 335.105 593.953 833.519 1005.08 1147.57 1252.39 1338.19 1383.55 1406.66 1430.92 1452.29 1477.96

83.9506 84.2915 84.5521 85.1885 86.6785 88.5439 89.6939 90.5776 91.2049 91.8468 92.3646 93.0628 93.3288

.249756 .118290 .126412 .126691 .126504 .126400 .127099 .125504 .127733 .126747 .126890 .125804 .125938

.249756 .164222 .174832 .174944 .175022 .174524 .174925 .174294 .175766 .175159 .175460 .175054 .175712

59.6728 59.4574 59.5230 59.6047 59.5272 59.5911 59.6343 59.5794 59.6479 59.5812 59.5823 59.6171 59.5719

378.794 371.876 370.857 370.339 370.046 369.882 369.692 369.655 369.490 369.420 369.384 369.252 369.152

.046185 30.0146 30.0686 30.1229 30.1658 30.1973 30.2244 30.2468 30.2676 30.2837 30.2978 30.3104 30.3223

85.2839 84.4606 85.3023 85.8516 85.2558 84.8668 84.4937 84.2539 84.2520 84.1525 84.0460 84.0943 84.0428

.000024 .077663 .143831 .233809 .322277 .410112 .499571 .588173 .679113 .765954 .856845 .944836 1.03172

.000096 .146704 .276132 .452663 .626129 .798769 .973632 1.14802 1.32633 1.49657 1.67520 1.84884 2.02128

77.9318 91.8690 97.1772 103.503 108.438 112.953 116.716 120.152 122.619 124.867 127.661 129.725 131.381

81.6708 86.5580 87.5419 89.0339 90.1640 91.0479 92.0520 92.8671 93.4113 94.0003 94.5176 95.1820 95.6417

.133918 .133975 .134091 .134101 .134359 .134513 .134503 .134474 .134540 .134504 .134532 .134525 .134724

-.00079 -.00080 -.00077 -.00081 -.00079 -.00079 -.00079 -.00079 -.00078 -.00078 -.00077 -.00076 -.00075

61.4308 61.4324 61.4090 61.4485 61.4295 61.4460 61.4651 61.4572 61.4591 61.4538 61.4477 61.4448 61.4616

9.25865 9.28545 9.28693 9.20725 9.28546 9.35830 9.44478 9.48647 9.56398 9.62889 9.71875 9.79918 9.88998

84.2381 84.4595 84.8380 84.6494 84.2292 83.7110 83.5449 83.3122 83.1278 83.0598 82.9185 82.9185 82.8187

83.5745 82.8098 81.1928 80.3548 80.0689 79.8590 79.7652 79.7004 79.5956 79.5521 79.5419 79.5237 79.4744

79.4243 82.9443 84.7701 87.3073 91.5400 97.5771 105.484 114.745 125.691 137.891 153.028 169.059 186.677

79.9083 79.8135 80.2296 81.1763 82.2218 83.0838 83.9240 84.6598 85.3366 85.9457 86.4739 86.8476 87.2418

80.4627 82.0563 83.7398 85.7523 87.2171 88.4383 89.5417 90.4833 91.3313 92.0372 92.7134 93.3285 93.8248

.249756 .128912 .127581 .127074 .126290 .127000 .126749 .126715 .126581 .126637 .126497 .126112 .126121

.249756 .176133 .175486 .175186 .175086 .175266 .175266 .175245 .175327 .175079 .175109 .175390 .175385

RUN DATA-PT

213.001 213.002 213.003 213.004 213.005 213.006 213.007 213.008 213.009 213.010 213.011 213.012 213.013

92 MR TURB FM	.249756	.731904	.727016	.725369	.721309	.724616	.723183	.723075	.721972	.723318	.722398	.719036	.719111
94 PVAC-1	.027347	.349302	.351915	.354002	.355073	.356056	.356328	.357143	.357735	.357771	.357731	.357328	.357351
95 PVAC-2	.014056	.335068	.337249	.337759	.338213	.338837	.338972	.339422	.339971	.339923	.339873	.339487	.339524
96 PYROHI	.2562.51	.2562.50	.2562.70	.2562.44	.2678.07	.2991.75	.3212.79	.3350.00	.3440.16	.3494.61	.3529.64	.3547.36	.3554.84
97 TTFB-2	.79.9183	.80.3795	.80.9840	.84.1407	.90.3043	.99.1759	.109.842	.122.194	.137.880	.155.521	.176.136	.197.613	.219.285
98 TTFB-3	.82.3343	.83.9177	.83.9762	.85.4844	.89.5269	.95.9914	.104.850	.112.199	.129.165	.144.465	.163.281	.183.842	.205.270
99 MIDPT	.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	11.5000
100 AT	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190	.213190
101 AE	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320
102 PA	.342185	.344582	.345880	.346643	.347447	.347650	.348282	.348853	.348847	.348802	.348407	.348438	.348438
103 NO CONTENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	-.01391	-.01391	-.01391	-.01391	-.01391	-.01391	-.01391	-.01391	-.01391	-.01391	-.01391	-.01391	-.01391
105 WO	.129112	.128016	.127586	.126783	.127458	.127199	.127144	.126997	.127048	.127048	.126900	.126516	.126516
106 WF	.176130	.175479	.175186	.175085	.175267	.175266	.175245	.175327	.175080	.175115	.175379	.175386	.175386
107 WT	.305241	.303494	.302772	.301867	.302725	.302465	.302324	.302389	.302324	.302128	.302015	.301894	.301902
108 MR	.733049	.729524	.728290	.724122	.727225	.723748	.725524	.724393	.724393	.725659	.724668	.721387	.721356
109 F SL	.77.8103	.78.4490	.78.8057	.78.8993	.78.9751	.79.0745	.79.2006	.79.3848	.79.4560	.79.5066	.79.5986	.79.6864	.79.6864
110 F VAC	.78.0372	.78.6776	.79.0352	.79.1292	.79.2055	.79.3051	.79.4316	.79.6162	.79.6874	.79.7380	.79.8297	.79.9175	.79.9175
111 ISP VAC	.255.657	.259.239	.261.039	.262.132	.261.642	.262.196	.262.680	.263.347	.263.754	.264.020	.264.429	.264.713	.264.713
112 C STAR	.5508.25	.5536.41	.5542.07	.5548.13	.5521.26	.5519.86	.5516.91	.5515.18	.5515.89	.5511.85	.5510.83	.5508.17	.5508.17
113 CF	1.49226	1.50547	1.51438	1.51906	1.52360	1.52721	1.53085	1.53522	1.53739	1.54007	1.54274	1.54515	1.54515
114 XDIF F	.027394	-.00357	.045423	.039932	.063708	.094210	.097232	.098296	.113523	.098693	.128532	.136809	.136809
115 XDIF FHO	.342929	.193945	.267079	.262395	.324535	.280476	.247280	.334551	.311464	.262700	.230570	.265237	.265237
116 XDIF FHF	-.09693	-.02083	-.08854	-.09221	-.12567	-.08418	-.06747	-.09445	-.09704	-.12395	-.08107	-.07298	-.07298
119 XDIF FHO PD %	-8.3818	-1.2527	-7.0151	-22.008	-1.0190	-0.07862	-1.2902	.579834	-.23673	-.00744	-.56303	-.45650	-.45650
120 XDIF FHF PD %	-6.7606	-.36871	-.13807	-.03598	-.42365	-.19466	-.54227	.250128	.045441	.197128	-.18507	.185820	.185820
121 SGO	1.42494	1.42710	1.42822	1.42859	1.42886	1.42899	1.42907	1.42921	1.42927	1.42928	1.42930	1.42937	1.42937
122 SGF	1.00144	1.00225	1.00267	1.00281	1.00296	1.00299	1.00304	1.00309	1.00307	1.00307	1.00308	1.00310	1.00310
123 SGOJ	1.42293	1.42258	1.42172	1.41972	1.41721	1.41566	1.41447	1.41363	1.41276	1.41206	1.41112	1.41075	1.41075
124 SGFRI	1.00144	1.00225	1.00267	1.00281	1.00291	1.00296	1.00299	1.00304	1.00307	1.00307	1.00308	1.00310	1.00310
125 SGFJ	1.00143	1.00223	1.00265	1.00279	1.00290	1.00294	1.00298	1.00303	1.00305	1.00306	1.00306	1.00309	1.00309
126 AVSGF	1.00144	1.00224	1.00266	1.00280	1.00290	1.00295	1.00298	1.00304	1.00306	1.00306	1.00307	1.00310	1.00310
127 AVSGD	1.42394	1.42484	1.42497	1.42415	1.42304	1.42232	1.42177	1.42142	1.42101	1.42067	1.42021	1.42006	1.42006
129 ROVJ	217.672	233.131	232.477	243.614	255.461	277.891	311.554	340.394	369.095	417.457	458.759	502.569	502.569
130 ROJ	.4639.84	.4679.66	.4719.86	.4720.73	.4635.14	.4635.03	.4611.28	.4593.59	.4585.29	.4533.24	.4527.70	.4488.18	.4488.18
132 RFRV	-14.015	-14.142	-14.202	-14.222	-14.195	-14.196	-14.201	-14.189	-14.230	-14.224	-14.181	-14.180	-14.180
133 RFVJ	.247.924	.250.076	.251.444	.254.184	.256.461	.253.153	.258.570	.256.024	.261.726	.263.933	.259.330	.259.336	.259.336
134 RFJ	.3665.90	.3670.44	.3678.29	.3685.46	.3686.39	.3693.89	.3694.08	.3692.43	.3698.92	.3702.80	.3696.25	.3696.17	.3696.17
136 KOVJ	.067780	.065494	.065586	.064069	.062566	.059988	.056654	.054201	.052051	.048943	.046688	.044607	.044607
137 KOJ	.014681	.014618	.014556	.014554	.014663	.014688	.014726	.014754	.014800	.014852	.014861	.014927	.014927
140 KVVJ	.063510	.063236	.063064	.062723	.062444	.062850	.062189	.062189	.061813	.061534	.062097	.062097	.062097
141 KFJ	.016516	.016506	.016488	.016472	.016470	.016453	.016453	.016453	.016437	.016434	.016448	.016448	.016448
142 WO PD	.118290	.126412	.126691	.126504	.126160	.127099	.125504	.127733	.126747	.126890	.125804	.125938	.125938
143 WF PD	.164222	.174832	.174944	.175022	.174524	.174925	.174294	.175766	.175159	.175460	.175054	.175112	.175112
144 WT PD	.282512	.301244	.301635	.301525	.300684	.302024	.299798	.303499	.301907	.302350	.300858	.301651	.301651
145 MR PD	.720302	.723051	.724180	.722789	.722877	.726592	.726068	.726725	.723612	.723188	.718656	.716731	.716731
146 ISP PD	.276.226	.261.176	.262.023	.262.430	.263.418	.262.579	.264.950	.262.328	.263.947	.263.727	.263.340	.264.934	.264.934
147 CSTAR PD	.5951.42	.5577.77	.5562.96	.5554.42	.5558.74	.5527.93	.5564.58	.5493.83	.5519.83	.5505.73	.5529.82	.5512.77	.5512.77
149 ROVJ PD	.259.322	.239.083	.235.773	.244.690	.260.747	.278.328	.319.752	.336.481	.370.849	.417.519	.463.969	.507.189	.507.189
150 ROJ PD	.5527.64	.4799.14	.4786.76	.4741.58	.4747.40	.4642.32	.4732.62	.4540.78	.4586.98	.4533.92	.4579.12	.4529.44	.4529.44
152 RFRV PD	-16.121	-14.246	-14.241	-14.232	-14.216	-14.251	-14.356	-14.118	-14.217	-14.168	-14.234	-14.128	-14.128

FILE HHIFC

TEST NO. LXDI-D02-0A-113 100 LB ENGINE PERFORMANCE JDB J10_100LB_A
DATE 09-23-94 1335 HOURS DURATION 14.983 SECONDS
CONFIG: 6 RE CC F/N 1208177-2 HTRIP=.25" LTRIP=.75"

J0014
09-27-94
11:57:03

RUN.DATA-PT

153 REVJ PD	213.001	213.002	213.003	213.004	213.005	213.006	213.007	213.008	213.009	213.010	213.011	213.012	213.013
154 RFJ PD	285.180	251.930	252.140	254.367	258.648	254.141	261.397	254.748	261.488	262.895	260.293	258.375	
156 KOVJ PD	4216.78	3697.66	3688.47	3588.11	3717.82	3708.31	3734.48	3674.03	3695.57	3688.25	3709.97	3682.47	
157 KOJ PD	.062098	.054673	.065126	.063918	.061928	.059941	.055923	.054515	.051928	.048940	.046425	.044403	
160 KVVJ PD	.013450	.014435	.014454	.014522	.014513	.014677	.014536	.014840	.014745	.014851	.014778	.014859	
161 KFJ PD	.059216	.063003	.062977	.062700	.062179	.062728	.061851	.062653	.061841	.061675	.061982	.062212	
162 FVIT	.015400	.016445	.016466	.016466	.016400	.016421	.016364	.016498	.016450	.016466	.016418	.016479	
163 POUT	302.200	301.729	301.501	300.537	300.081	299.711	299.628	299.527	299.483	299.291	299.247	299.196	
164 PFRIT	297.652	299.048	298.845	297.787	297.164	296.550	296.086	295.665	295.290	294.559	294.077	293.531	
165 PFVIT	366.101	365.158	364.654	364.237	364.181	364.032	363.978	363.829	363.731	363.696	363.577	363.472	
166 PFJT	366.535	365.593	365.089	364.772	364.616	364.466	364.413	364.263	364.166	364.130	364.012	363.906	
173 WCOOL TRIP	358.855	357.909	357.393	357.002	356.761	356.713	356.496	356.417	356.168	356.062	356.060	355.954	
174 DT TRIP	.066586	.066659	.066648	.066796	.066852	.066858	.066854	.066882	.066864	.066905	.066884	.066897	
175 QTW	2.24278	3.51022	4.57608	4.99529	5.35455	5.61768	5.82346	5.99464	6.07153	6.23949	6.48092	6.58295	
	.149338	.233988	.304988	.393663	.357964	.375589	.389323	.400936	.407303	.417456	.433467	.440972	

PSIA
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LB/SEC
DEG F
BTU/SEC

TEST NO. LXD1-D02-0A-113 100 LB ENGINE PERFORMANCE JOB J10_100LB_A
 DATE 09-23-94 1335 HOURS DURATION 14.983 SECONDS
 CONFIG: G FE CC F/N 1208177-2 HIRIP=.25" LTRIP=.75"

J0014
 09-27-94
 11:57:03

RUN	DATA-PT	HRS	MIN	213.014	213.015	213.016	213.017
0	START TIME			12.0000	13.0000	14.0000	2.00000
1	STOP TIME			13.0000	14.0000	14.7830	14.7830
2	TIME OF DAY			13.3600	13.3600	13.3600	13.3534
4	FMD-1	LB-W		.088436	.088389	.088205	.088657
5	FMD-2	LB-W		.088640	.088590	.088391	.088892
6	FNF-1	LB-W		.174671	.174508	.174599	.174746
7	FNF-2	LB-W		.174496	.174349	.174371	.174577
9	POTR	PSIA		263.076	263.148	263.148	263.164
10	PFYR	PSIA		297.087	297.148	297.143	297.138
12	POVI	PSIA		298.401	298.348	298.172	298.966
15	PC-1	PSIA		242.483	242.402	242.252	243.197
16	PFV1	PSIA		363.300	363.417	363.330	363.753
17	POV	PSIA		292.172	291.583	290.848	294.345
18	PFJ	PSIA		354.319	354.253	354.085	354.944
19	FCAL-A	LBS		.075305	.061232	.049459	.079406
20	FCAL-B	LBS		-.41140	-.40364	-.38084	-.43302
21	FA	LBS		79.6809	79.7488	79.8127	79.3371
22	FB	LBS		79.8027	79.8697	79.9258	79.4204
27	POL-1	PSIA		300.936	300.936	300.719	301.529
29	PHE	PSIA		16.1860	16.1998	16.1669	16.1646
30	TJB-3	DEG F		88.1644	88.4940	88.8913	86.5771
31	TGN-1	DEG F		303.273	311.890	319.287	247.770
35	TCCLL	DEG F		107.306	108.052	108.973	103.114
38	TC-4	DEG F		3287.23	3310.24	3325.04	2968.53
39	TC-5	DEG F		3413.18	3412.07	3411.75	3120.90
40	TC-6	DEG F		3021.54	3037.35	3052.99	2519.04
46	TC-1	DEG F		2842.29	2873.80	2988.24	2584.63
47	TC-2	DEG F		2684.53	2720.93	2743.21	2433.53
48	TC-3	DEG F		1500.32	1515.69	1531.00	1330.38
50	TOV	DEG F		93.6566	94.0459	94.2375	91.1333
52	WOPDFM	LB/SEC-P		.125204	.125490	.131217	.126744
53	WFFDFM	LB/SEC-P		.174683	.175808	.182872	.175794
54	POTS	PSIA		59.6570	59.6466	59.5822	59.6010
55	PFL	PSIA		369.034	369.071	369.034	369.492
56	VTCV	VOLTS		30.3327	30.3408	30.3496	30.2670
57	TFV1	DEG F		84.0886	84.1995	84.1382	84.4401
58	WOPDFM	LBS		1.12102	1.20805	1.29382	.770787
59	WFFDFM	LBS		2.19808	2.37103	2.54112	1.50816
68	TJB-1	DEG F		133.541	134.539	136.101	123.352
69	TJB-2	DEG F		96.2376	96.8453	97.3279	93.7497
73	FMTW-1	LB-W		.134682	.134780	.134864	.134552
74	FMTW-2	LB-W		-.00076	-.00075	-.00075	-.00077
75	FHU	PSIA		61.4847	61.4757	61.4635	61.4582
76	PVHE	PSIA		9.87019	9.91679	9.98665	9.63059
77	TOFM	DEG F		82.7722	82.6947	82.6959	83.2669
78	TFEM	DEG F		79.4390	79.4012	79.3644	79.6623
79	TFEB-1	DEG F		207.157	228.071	249.899	151.332
82	TTW1	DEG F		87.5724	87.8341	88.0371	85.4332
83	TTW2	DEG F		94.2390	94.6696	95.0553	91.4630
90	WD TURB FM	LB/SEC-P		.126167	.126105	.125933	.126445
91	WF TURB FM	LB/SEC-P		.175133	.174977	.175039	.175189

TEST NO. 1X01-D02-0A-113 100 LB ENGINE PERFORMANCE JOB J10.100LB A
 DATE 09-23-94 1335 HOURS DURATION 14.983 SECONDS
 CONFIG: 6 SE CC FAN 1208177-2 HTRIP=.25" LTRIP=.75"

J0014
 09-27-94
 11:57:03

RUN DATA-PT

213.014 213.015 213.016 213.017

92 MR TURB FM	PSIA-AP	.720412	.720697	.718886	.721766
94 PVAC-1	PSIA-AP	.357116	.357132	.357096	.356757
95 PVAC-2	PSIA-AP	.339453	.339512	.339524	.339267
96 PVKOH1	DEG F	3556.95	3558.17	3556.80	3312.67
97 TTF8-2	DEG F	241.783	263.051	283.377	168.861
98 TTF8-3	DEG F	228.233	251.496	274.383	160.525
99 MIDPT		12.5000	13.5000	14.3915	8.39150
100 AT	SO.IN.	.213190	.213190	.213190	.213190
101 AE	SO.IN.	.663320	.663320	.663320	.663320
102 PA	PSIA	.348285	.348322	.348310	.348012
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.01391	-.01391	-.01391	-.01391
105 W0	LB/SEC-F	.126558	.126493	.126224	.126870
106 WF	LB/SEC-F	.175129	.174976	.175036	.175187
107 WT	LB/SEC-F	.301686	.301469	.301260	.302057
108 MR		.722655	.722914	.721129	.724196
109 F SL	LBS	79.7557	79.8232	79.8832	79.3927
110 F VAC	LBS	79.9867	80.0542	80.1142	79.6235
111 ISP VAC	SECS	265.132	265.547	265.931	263.604
112 C STAR	FT/SEC	5509.28	5511.38	5511.81	5518.70
113 CF		1.54728	1.54911	1.55123	1.53574
114 XDIFF F	PERCENT	.152778	.151662	.141609	.105108
115 XDIFF FMD	PERCENT	.229879	.227279	.211214	.265107
116 XDIFF FME	PERCENT	-.10033	-.09075	-.13076	-.096659
119 XDIFF FMD PD %		-1.0697	-.79301	3.95624	-.09898
120 XDIFF FME PD %		-.25429	.475130	4.47672	.346656
121 SGO		1.42941	1.42946	1.42951	1.42912
122 SGF		1.00312	1.00314	1.00316	1.00301
123 SGOJ		1.41031	1.40978	1.40951	1.41372
124 SGFRI		1.00312	1.00314	1.00316	1.00301
125 SGFJ		1.00311	1.00312	1.00314	1.00300
126 AVSGF		1.00311	1.00313	1.00315	1.00300
127 AVSGD		1.41986	1.41962	1.41951	1.42142
129 ROVJ		545.732	593.839	646.324	401.512
130 ROJ		4438.36	4396.51	4362.57	4555.58
132 RFRV		-14.222	-14.248	-14.240	-14.210
133 RFVJ		266.782	273.334	275.773	260.950
134 RFJ		3701.16	3708.14	3705.10	3695.43
136 KOVJ		.042807	.041036	.039338	.049906
137 KOJ		.015010	.015082	.015140	.014816
140 KVVJ		.061224	.060486	.060218	.061904
141 KFJ		.016437	.016422	.016429	.016450
142 WD PD	LB/SEC	.125204	.125490	.131217	.126744
143 WF PD	LB/SEC	.174683	.175808	.182872	.175794
144 WT PD	LB/SEC	.299887	.301297	.314089	.302539
145 MR PD		.716747	.713790	.717536	.720980
146 ISP PD	SECS	266.723	265.698	255.068	263.185
147 CSTAR PD	FT/SEC	5542.33	5514.53	5286.67	5509.91
149 ROVJ PD		557.597	603.371	597.973	402.308
150 ROJ PD		4534.86	4467.02	4036.94	4564.62
152 RFRV PD		-14.295	-14.114	-13.046	-14.112

TEST NO. LXDI-D02-0A-113 100 LB ENGINE PERFORMANCE JOB J10_100LB_A
 DATE 09-23-94 1335 HOURS DURATION 14.983 SECONDS
 CONFIG: G RE CC P/N 1208177-2 HTRIP=.25" LTRIP=.75"

J0014
 09-27-94
 11:57:03

RUN DATA-PT

153 RFVJ PD	213.014	213.015	213.016	213.017
154 RFJ PD	268.144	270.755	252.646	259.150
156 KOVJ PD	2720.06	3673.15	3394.39	3669.94
157 KOJ PD	.042349	.040711	.040894	.049856
160 KFVJ PD	.014850	.014962	.015739	.014801
161 KFJ PD	.061068	.060773	.062913	.062119
162 POVIT	.016396	.016500	.017164	.016507
163 POJT	299.046	298.994	298.817	299.611
164 PFRIT	292.890	292.300	291.564	295.065
165 PFVIT	363.369	363.487	363.399	363.820
166 PFJT	363.804	363.921	363.834	364.257
173 WCOOL TRIP	355.647	355.579	355.412	356.273
174 DT TRIP	.066960	.067013	.067056	.066891
175 QTW	6.66665	6.83542	7.01822	6.02982
	.446396	.458060	.470617	.403342

PSIA
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100 LB ENGINE PERFORMANCE JOB J10_100LB_A
TEST NO. LXDI-D02-0A-114 DATE 09-23-94 1515 HOURS DURATION 15.000
CONCIG: CC RE CC P/N 1208177-2 HTRIP=.25" LTRIP=.75"

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RUN.DAT-PT

[illegible][illegible]

RUN DATA-PT		214.001	214.002	214.003	214.004	214.005	214.006	214.007	214.008	214.009	214.010	214.011	214.012	214.013
92 MR TURB FM		.249756	.838491	.837918	.825578	.827785	.833230	.828529	.833399	.829450	.829978	.832402	.828937	.828873
94 PVAC-1	PSIA-AP	.362419	.364597	.366301	.366301	.366301	.368975	.369591	.369871	.370777	.370180	.370327	.370234	.370220
95 PVAC-2	PSIA-AP	.157837	.352435	.354835	.356071	.357451	.358347	.358880	.359039	.359836	.359238	.359327	.359174	.359224
96 PYROHI	DEG F	2562.95	2562.93	2562.62	2583.81	2770.24	3131.34	3353.10	3486.78	3569.90	3621.12	3656.16	3675.13	3687.62
97 TTFB-2	DEG F	79.8340	80.6202	81.5677	84.5564	90.7690	100.234	111.604	124.420	138.678	154.680	173.599	194.983	217.668
98 TTFB-3	DEG F	82.0133	82.9414	84.5764	85.9807	89.3490	94.7502	102.075	111.151	122.395	135.428	151.181	168.896	188.950
99 MIDPT		.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	
100 AT	SQ.IN.	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010
101 AE	SQ.IN.	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320
102 PA	PSIA	.357527	.357527	.357527	.357527	.357527	.357527	.357527	.357527	.357527	.357527	.357527	.357527	.357527
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.00577	-.00577	-.00577	-.00577	-.00577	-.00577	-.00577	-.00577	-.00577	-.00577	-.00577	-.00577	-.00577
105 WD	LB/SEC-P	.140700	.139549	.137514	.138136	.138533	.138533	.138184	.138382	.138292	.138354	.138363	.138165	.138180
106 WF	LB/SEC-P	.167760	.166299	.166299	.166299	.166299	.166299	.166299	.166299	.166299	.166299	.166299	.166299	.166299
107 WT	LB/SEC-P	.308459	.305348	.303775	.304665	.304665	.304665	.304580	.304136	.304682	.304711	.304268	.304506	.304552
108 MR		.838698	.839142	.827059	.827059	.827059	.834883	.830454	.834867	.831132	.831670	.834013	.830611	.830550
109 F SL	LBS	79.6628	80.2121	80.4892	80.4495	80.4495	80.5557	80.6490	80.7997	80.8628	80.9130	80.9606	81.0926	81.2036
110 F VAC	LBS	79.8599	80.4507	80.7288	80.6902	80.7969	80.8906	80.9915	81.1051	81.1549	81.2026	81.2526	81.3345	81.4455
111 ISP VAC	SECS	259.029	263.041	265.752	264.849	265.375	265.581	266.300	266.196	266.334	266.878	267.103	267.427	267.427
112 C STAR	FT/SEC	5568.20	5611.67	5642.22	5607.90	5602.07	5594.01	5599.40	5588.54	5582.77	5585.67	5583.65	5579.20	5579.20
113 CF		1.45667	1.50707	1.51436	1.51845	1.52304	1.52642	1.5299.40	1.53145	1.53383	1.53617	1.53802	1.54111	1.54111
114 XDIFF F	PERCENT	.094835	.088246	.060526	.084027	.087452	.065877	.103509	.108191	.098156	.085317	.072597	.071118	.071118
115 XDIFF FMD	PERCENT	.390782	.352595	.371076	.357366	.383881	.359265	.372333	.399507	.408699	.388215	.402289	.360338	.360338
116 XDIFF FMF	PERCENT	-.29096	-.83598	-.72815	-.41502	-.1.2358	-.72546	-.1.2401	-.71391	-.36293	-.1.0591	-.74591	-.49437	-.49437
119 XDIFF FMD PD %		-.8.2995	-.85385	.271509	-.95037	-.31398	-.11043	-.82701	.516075	.17835	.328457	-.92624	-.46772	-.46772
120 XDIFF FMD PD %		-.7.8069	.510736	.566808	-.41080	.644358	.666099	.171114	.781175	.115836	.390630	-.55317	.625739	.625739
121 SGO		1.42467	1.42467	1.42467	1.42467	1.42467	1.42467	1.42467	1.42467	1.42467	1.42467	1.42467	1.42467	1.42467
122 SGO		1.00128	1.00187	1.00213	1.00224	1.00224	1.00224	1.00235	1.00235	1.00235	1.00241	1.00241	1.00241	1.00241
123 SGOJ		1.41911	1.41913	1.41902	1.41818	1.41712	1.41585	1.41495	1.41434	1.41367	1.41274	1.41232	1.41182	1.41182
124 SGOI		1.00128	1.00187	1.00213	1.00224	1.00224	1.00224	1.00235	1.00235	1.00235	1.00241	1.00241	1.00241	1.00241
125 SGOJ		1.00127	1.00186	1.00211	1.00223	1.00223	1.00223	1.00234	1.00234	1.00234	1.00238	1.00240	1.00241	1.00241
126 AVSGF		1.00127	1.00186	1.00211	1.00223	1.00223	1.00223	1.00234	1.00234	1.00234	1.00238	1.00240	1.00241	1.00241
127 AVSGO		1.42189	1.42269	1.42298	1.42271	1.42225	1.42169	1.42126	1.42098	1.42068	1.42068	1.42020	1.42002	1.41979
129 ROVJ		205.597	216.155	208.253	222.765	236.340	259.346	288.266	313.459	346.089	377.218	414.165	449.671	487.181
130 ROJ		4578.88	4648.39	4798.97	4721.45	4671.98	4655.98	4631.35	4611.44	4585.46	4559.17	4529.19	4501.37	4473.82
132 RFRV		15.444	15.734	15.750	15.706	15.818	15.731	15.854	15.733	15.741	15.826	15.743	15.738	15.738
133 RFRVJ		247.984	254.483	257.328	256.816	259.686	256.488	263.323	256.179	267.104	276.009	266.881	276.812	276.812
134 RFI		3672.65	3714.85	3712.92	3711.31	3748.25	3731.73	3757.02	3732.77	3730.22	3751.95	3731.58	3728.02	3728.02
136 KOVJ		.069742	.068017	.069295	.067000	.065048	.062095	.058898	.056482	.053753	.051488	.049138	.047158	.047158
137 KOJ		.014778	.014667	.014435	.014533	.014638	.014638	.014694	.014726	.014768	.014810	.014859	.014905	.014905
140 KVVJ		.063502	.062686	.062339	.062401	.062035	.062440	.061625	.062478	.061187	.060192	.061213	.060105	.060105
141 KFJ	LB/SEC	.016501	.016407	.016411	.016415	.016334	.016370	.016315	.016368	.016373	.016326	.016370	.016378	.016378
143 WF PD	LB/SEC	.129022	.138357	.137887	.136843	.138097	.138031	.137238	.139006	.138107	.138820	.136885	.137534	.137534
145 MR PD	LB/SEC	.156663	.167149	.167203	.165825	.167000	.166506	.166037	.167690	.166551	.165418	.167413	.167413	.167413
144 WT PD	LB/SEC	.834217	.827749	.824670	.825225	.826930	.828989	.826548	.828945	.829226	.833497	.827511	.821524	.821524
146 ISP PD	SECS	281.650	263.336	264.606	266.596	264.824	265.618	267.056	264.448	266.381	265.915	269.049	267.081	267.081
147 CSTAR PD	FT/SEC	6054.47	5617.96	5617.89	5644.90	5590.44	5594.79	5551.86	5583.76	5565.50	5624.33	5571.98	5571.98	5571.98
149 ROVJ PD		244.496	219.895	207.127	227.061	237.833	259.920	293.094	310.249	347.374	374.752	421.946	453.907	453.907
150 ROJ PD		5445.22	4728.80	4773.02	4812.48	4701.49	4677.31	4708.92	4564.20	4601.86	4529.37	4614.28	4543.77	4543.77
152 RFRV PD		12.170	12.575	12.573	12.636	12.616	12.571	12.580	12.490	12.570	12.570	12.570	12.570	12.570

100 LB ENGINE PERFORMANCE JOB J10.100LB-A
 TEST NO. LX01-D02-0A-114 DATE 09-23-94 1515 HOURS DURATION 15.000 SECONDS
 CONFIG: G FE CC P/N 1208177-2 HTRIP=.25" LTRIP=.75"

J0014
 09-27-94
 11:59:45

RUN DATA-PT	214.001	214.002	214.003	214.004	214.005	214.006	214.007	214.008	214.009	214.010	214.011	214.012	214.013
153 REVJ PD	291.761	251.903	254.436	258.939	256.371	256.149	262.424	252.223	266.487	273.865	269.869	273.380	
154 RFJ PD	4320.99	3677.19	3571.16	3741.99	3700.41	3726.80	3749.19	3675.13	3721.60	3722.81	3773.36	3681.80	
156 KOVJ PD	.063953	.057426	.069484	.066250	.064843	.062027	.058411	.056773	.053658	.051657	.048682	.046937	
157 KOJ PD	.013552	.014542	.014474	.014418	.014584	.014622	.014573	.014802	.014741	.014859	.014721	.014835	
160 KFVJ PD	.058545	.063006	.062692	.063144	.062455	.062482	.061730	.062966	.061258	.060427	.060873	.060481	
161 KFJ PD	.015213	.016491	.016504	.016347	.016439	.016381	.016343	.016495	.016392	.016389	.016279	.016480	
162 POVIT	316.356	316.184	315.815	314.839	314.243	314.046	314.063	314.038	313.983	313.869	313.890	313.869	
163 POJT	313.495	313.225	313.048	311.951	311.154	310.563	310.179	309.819	309.320	308.784	308.323	307.822	
164 PFRIT	359.385	358.574	358.178	357.644	357.549	357.254	357.261	357.204	357.156	357.165	357.039	357.094	
165 PFVIT	359.819	357.008	358.613	358.079	357.980	357.788	357.696	357.638	357.591	357.600	357.473	357.529	
166 PFJT	352.848	351.583	351.515	350.974	350.850	350.703	350.478	350.563	350.218	350.021	350.106	349.885	
173 WCOOL TRIP	.065181	.065157	.064784	.064470	.064201	.064314	.064546	.064988	.065220	.065249	.065038	.064819	
174 DT TRIP	1.72128	3.07245	4.11105	4.67564	5.04037	5.41785	5.73341	5.99397	6.21011	6.39404	6.56859	6.67038	
175 QTW	.112194	.200190	.266330	.301440	.323597	.348442	.373943	.389539	.405022	.417205	.427211	.432366	

PSIA

PSIA

PSIA

PSIA

PSIA

LB/SEC

DEC F

RTU/SEC

RUN DATA-PT

214.014 214.015 214.016 214.017

0	START TIME		12.0000	13.0000	14.0000	2.00000
1	STOP TIME		13.0000	14.0000	14.8000	14.8000
2	TIME OF DAY	HRS. MIN	15.1500	15.1500	15.1500	15.1500
3	FMD-1	LB-W	.096498	.096402	.096420	.096589
4	FMD-2	LB-W	.096830	.096766	.096773	.096953
5	FHF-1	LB-W	.166468	.166565	.166734	.166505
6	FHF-2	LB-W	.164532	.165098	.164823	.165102
7	FME-2	PSIA	233.743	233.695	233.722	233.688
9	FOTR	PSIA	272.149	272.245	272.240	272.249
10	FETR	PSIA	313.068	313.010	312.990	313.482
12	FOVI	PSIA	246.834	246.853	246.703	247.419
15	PC-1	PSIA	356.978	356.931	356.982	357.222
16	PFVI	PSIA	306.357	305.784	305.239	308.450
17	POJ	PSIA	348.645	348.717	348.567	349.152
18	PFJ	PSIA	.130124	.112433	.102009	.132795
19	FCAL-A	LES	-.44859	-.43140	-.43939	-.46790
20	FCAL-B	LES	81.2346	81.3279	81.3376	80.8828
21	FA	LES	81.3225	81.4215	81.4529	80.9596
22	FB	PSIA	315.794	315.723	315.703	316.193
27	POL-1	PSIA	16.1346	16.1372	16.1757	16.1385
29	PHE	DEG F	90.1479	90.5995	91.0801	88.1077
30	TJB-3	DEG F	344.228	356.811	367.006	271.902
31	TCN-1	DEG F	99.6005	100.427	101.977	95.2953
35	TECLL	DEG F	3578.37	3612.87	3626.11	3192.14
38	TC-4	DEG F	3596.61	3608.55	3608.48	3295.12
39	TC-5	DEG F	3193.83	3205.66	3216.44	2749.70
40	TC-6	DEG F	2998.71	3024.74	3041.25	2677.02
46	TC-1	DEG F	2809.66	2843.50	2868.95	2513.66
47	TC-2	DEG F	3593.35	3604.95	3613.24	3254.47
48	TC-3	DEG F	93.1289	93.3954	93.6402	91.0298
50	TOV	DEG F	.137387	.137437	.142960	.138229
52	WOPDFM	LB/SEC-F	.167968	.167274	.174325	.167446
53	WFFDFM	LB/SEC-F	59.9904	60.0586	59.9645	60.0132
54	POIS	PSIA	352.498	362.474	362.468	362.729
55	PFL	PSIA	30.4453	30.4546	30.4632	30.3796
56	VTGV	VOLTS	86.3301	86.4142	86.3929	86.4123
57	TFVI	DEG F	1.22759	1.32452	1.41739	.845150
58	WOPDFM	LES	2.09679	2.26704	2.42797	1.44190
59	WFFDFM	LES	128.035	129.393	130.998	118.973
68	TJB-1	DEG F	99.5668	100.159	100.804	96.3886
69	TJB-2	DEG F	.130292	.130304	.130743	.130624
73	FMTW-1	LB-W	-.00115	-.00114	-.00115	-.00115
74	FMTW-2	LB-W	56.6351	56.6618	56.6800	56.5849
75	PHU	PSIA	10.7071	10.7591	11.1285	10.5351
76	FVHE	PSIA	83.0144	83.0534	82.9772	83.1463
77	TOFM	DEG F	80.8027	80.7924	80.7955	80.9319
78	TFM	DEG F	212.388	233.773	255.642	154.822
79	TFB-1	DEG F	86.8585	87.1909	87.4150	84.4995
82	TTWI	DEG F	93.6770	94.1542	94.5483	90.4948
83	TTWO	DEG F	.137720	.137619	.137631	.137663
90	WO TURE FM	LB/SEC-F	.145902	.146220	.146183	.146196
91	WF TURE FM	LB/SEC-F				

RUN DATA-PT

92 MR TURB FM	214.014	214.015	214.016	214.017
94 PVAC-1	.830170	.827907	.828217	.829556
95 PVAC-2	.370227	.369831	.369776	.369570
96 PYROHI	.355119	.355225	.352402	.358711
97 TTFB-2	.269820	.270634	.271428	.2406.99
98 TTFB-3	.241.412	.265.388	.288.974	.169.396
99 MIDPT	.210.860	.234.018	.256.876	.151.199
100 AT	.12.5000	.13.5000	.14.4000	.8.40000
101 AE	.214010	.214010	.214010	.214010
102 FA	.663320	.663320	.663320	.663320
103 NO CONTENT	.364678	.364278	.364139	.364140
104 F ZERO	PERCENT	1.60000	1.60000	1.60000
105 W0	LBS	.00577	.00577	.00577
106 WF	LB/SEC-F	.138003	.137898	.137917
107 WT	LB/SEC-F	.165902	.166236	.166183
108 MR	LB/SEC-F	.303905	.304134	.304100
109 F SL	LBS	.831835	.829533	.829911
110 F VAC	LBS	.81.2844	.81.3804	.81.4010
111 ISP VAC	LBS	.81.5263	.81.6221	.81.6426
112 C STAR	SECS	.268.262	.268.376	.268.473
113 CF	FT/SEC	.5588.58	.5584.82	.5582.06
114 XDIF F	PERCENT	1.54333	1.54502	1.54635
115 XDIF F	PERCENT	.108203	.115115	.141702
116 XDIF F	PERCENT	.354322	.378272	.365689
119 XDIF F	PERCENT	-1.1631	-.88076	-1.1458
120 XDIF F	PD %	-.44674	-.33425	3.65680
121 SGO	PD %	1.24513	.624397	4.89983
122 SCF	PD %	1.42774	1.42775	1.42776
123 SGOJ	PD %	1.00243	1.00243	1.00244
124 SCFRI	PD %	1.41116	1.41080	1.41047
125 SCFJ	PD %	1.00243	1.00243	1.00244
126 AVSGF	PD %	1.00242	1.00242	1.00242
127 AVSGO	PD %	1.00242	1.00243	1.00243
129 ROVJ	PD %	1.41945	1.41928	1.41911
130 ROJ	PD %	489.257	528.382	567.370
132 RFRV	PD %	4469.45	4431.18	4399.59
133 RFRV	PD %	-15.827	-15.764	-15.774
134 RFRV	PD %	277.330	271.804	279.259
136 KOVJ	PD %	3752.26	3739.26	3741.63
137 KOJ	PD %	.045210	.043504	.041982
140 KFRV	PD %	.014958	.015022	.015076
141 KFJ	PD %	.060048	.060656	.059841
142 W0 PD	PD %	.016325	.016353	.016348
143 WF PD	PD %	.137387	.137437	.142960
144 WT PD	PD %	.167968	.167274	.174325
145 MR PD	PD %	.305354	.304711	.317286
146 ISP PD	PD %	.817934	.821630	.820077
147 CSTAR PD	PD %	.266.989	.267.867	.257.316
149 ROVJ PD	PD %	5562.06	5574.24	5350.08
150 ROJ PD	PD %	493.658	531.932	528.044
152 RFRV PD	PD %	4509.26	4460.96	4074.65
	PD %	-15.441	-15.569	-14.335

TEST NO. LXDI-D02-0A-114 DATE 09-23-94 1515 HOURS DURATION 15.000 SECONDS
CONFIG1 G RE CC P/N 1208177-2 HTRIP=.25" LTRIP=.75"

RUN DATA-PT

TEST NO.	153	154	156	157	160	161	162	163	164	165	166	173	174	175
RFVJ PD	270.551	268.441	253.780	262.713										
RFJ PD	3660.54	3693.00	3400.26	3680.49										
KOVJ PD	.045008	.043358	.043518	.052468										
KUJ PD	.014891	.014972	.015628	.014784										
KFVJ PD	.060796	.061035	.062773	.061696										
KFJ PD	.016528	.016455	.017149	.016483										
POVIT	313.717	313.659	313.640	314.132										
POUT	307.153	306.580	306.035	309.246										
PFRT	357.640	356.994	357.044	357.284										
PFVIT	357.475	357.428	357.479	357.719										
PFJT	349.860	349.935	349.785	350.370										
WCOOL TRIP	.064569	.064580	.064795	.064737										
DT TRIP	6.81857	6.96328	7.13335	5.99520										
Q1W	.440266	.449697	.462203	.388110										

PSIA

PSIA

PSIA

PSIA

PSIA

LB/SEC

DEG F

BTU/SEC

RUN DATA-PT

0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN	4	LB-W	5	FMO-1	6	FMO-2	7	FME-1	8	FME-2	9	POTR	10	POTR	11	POTR	12	POTR	13	PC-1	14	PC-1	15	PC-1	16	PC-1	17	PC-1	18	PC-1	19	PCAL-A	20	PCAL-B	21	FA	22	FB	23	POL-1	24	PHE	25	TUB-3	26	TUB-3	27	TUB-3	28	TUB-3	29	TUB-3	30	TUB-3	31	TUB-3	32	TUB-3	33	TUB-3	34	TUB-3	35	TUB-3	36	TUB-3	37	TUB-3	38	TUB-3	39	TUB-3	40	TUB-3	41	TUB-3	42	TUB-3	43	TUB-3	44	TUB-3	45	TUB-3	46	TUB-3	47	TUB-3	48	TUB-3	49	TUB-3	50	TUB-3	51	TUB-3	52	TUB-3	53	TUB-3	54	TUB-3	55	TUB-3	56	TUB-3	57	TUB-3	58	TUB-3	59	TUB-3	60	TUB-3	61	TUB-3	62	TUB-3	63	TUB-3	64	TUB-3	65	TUB-3	66	TUB-3	67	TUB-3	68	TUB-3	69	TUB-3	70	TUB-3	71	TUB-3	72	TUB-3	73	TUB-3	74	TUB-3	75	TUB-3	76	TUB-3	77	TUB-3	78	TUB-3	79	TUB-3	80	TUB-3	81	TUB-3	82	TUB-3	83	TUB-3	84	TUB-3	85	TUB-3	86	TUB-3	87	TUB-3	88	TUB-3	89	TUB-3	90	TUB-3	91	TUB-3
0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN	4	LB-W	5	FMO-1	6	FMO-2	7	FME-1	8	FME-2	9	POTR	10	POTR	11	POTR	12	POTR	13	PC-1	14	PC-1	15	PC-1	16	PC-1	17	PC-1	18	PC-1	19	PCAL-A	20	PCAL-B	21	FA	22	FB	23	POL-1	24	PHE	25	TUB-3	26	TUB-3	27	TUB-3	28	TUB-3	29	TUB-3	30	TUB-3	31	TUB-3	32	TUB-3	33	TUB-3	34	TUB-3	35	TUB-3	36	TUB-3	37	TUB-3	38	TUB-3	39	TUB-3	40	TUB-3	41	TUB-3	42	TUB-3	43	TUB-3	44	TUB-3	45	TUB-3	46	TUB-3	47	TUB-3	48	TUB-3	49	TUB-3	50	TUB-3	51	TUB-3	52	TUB-3	53	TUB-3	54	TUB-3	55	TUB-3	56	TUB-3	57	TUB-3	58	TUB-3	59	TUB-3	60	TUB-3	61	TUB-3	62	TUB-3	63	TUB-3	64	TUB-3	65	TUB-3	66	TUB-3	67	TUB-3	68	TUB-3	69	TUB-3	70	TUB-3	71	TUB-3	72	TUB-3	73	TUB-3	74	TUB-3	75	TUB-3	76	TUB-3	77	TUB-3	78	TUB-3	79	TUB-3	80	TUB-3	81	TUB-3	82	TUB-3	83	TUB-3	84	TUB-3	85	TUB-3	86	TUB-3	87	TUB-3	88	TUB-3	89	TUB-3	90	TUB-3	91	TUB-3
0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN	4	LB-W	5	FMO-1	6	FMO-2	7	FME-1	8	FME-2	9	POTR	10	POTR	11	POTR	12	POTR	13	PC-1	14	PC-1	15	PC-1	16	PC-1	17	PC-1	18	PC-1	19	PCAL-A	20	PCAL-B	21	FA	22	FB	23	POL-1	24	PHE	25	TUB-3	26	TUB-3	27	TUB-3	28	TUB-3	29	TUB-3	30	TUB-3	31	TUB-3	32	TUB-3	33	TUB-3	34	TUB-3	35	TUB-3	36	TUB-3	37	TUB-3	38	TUB-3	39	TUB-3	40	TUB-3	41	TUB-3	42	TUB-3	43	TUB-3	44	TUB-3	45	TUB-3	46	TUB-3	47	TUB-3	48	TUB-3	49	TUB-3	50	TUB-3	51	TUB-3	52	TUB-3	53	TUB-3	54	TUB-3	55	TUB-3	56	TUB-3	57	TUB-3	58	TUB-3	59	TUB-3	60	TUB-3	61	TUB-3	62	TUB-3	63	TUB-3	64	TUB-3	65	TUB-3	66	TUB-3	67	TUB-3	68	TUB-3	69	TUB-3	70	TUB-3	71	TUB-3	72	TUB-3	73	TUB-3	74	TUB-3	75	TUB-3	76	TUB-3	77	TUB-3	78	TUB-3	79	TUB-3	80	TUB-3	81	TUB-3	82	TUB-3	83	TUB-3	84	TUB-3	85	TUB-3	86	TUB-3	87	TUB-3	88	TUB-3	89	TUB-3	90	TUB-3	91	TUB-3
0	START TIME	1	STOP TIME	2	TIME OF DAY	3	HRS. MIN	4	LB-W	5	FMO-1	6	FMO-2	7	FME-1	8	FME-2	9	POTR	10	POTR	11	POTR	12	POTR	13	PC-1	14	PC-1	15	PC-1	16	PC-1	17	PC-1	18	PC-1	19	PCAL-A	20	PCAL-B	21	FA	22	FB	23	POL-1	24	PHE	25	TUB-3	26	TUB-3	27	TUB-3	28	TUB-3	29	TUB-3	30	TUB-3	31	TUB-3	32	TUB-3	33	TUB-3	34	TUB-3	35	TUB-3	36	TUB-3	37	TUB-3	38	TUB-3	39	TUB-3	40	TUB-3	41	TUB-3	42	TUB-3	43	TUB-3	44	TUB-3	45	TUB-3	46	TUB-3	47	TUB-3	48	TUB-3	49	TUB-3	50	TUB-3	51	TUB-3	52	TUB-3	53	TUB-3	54	TUB-3	55	TUB-3	56	TUB-3	57	TUB-3	58	TUB-3	59	TUB-3	60	TUB-3	61	TUB-3	62	TUB-3	63	TUB-3	64	TUB-3	65	TUB-3	66	TUB-3	67	TUB-3	68	TUB-3	69	TUB-3	70	TUB-3	71	TUB-3	72	TUB-3	73	TUB-3	74	TUB-3	75	TUB-3	76	TUB-3	77	TUB-3	78	TUB-3	79	TUB-3	80	TUB-3	81	TUB-3	82	TUB-3	83	TUB-3	84	TUB-3	85	TUB-3	86	TUB-3	87	TUB-3	88	TUB-3	89	TUB-3	90	TUB-3	91	TUB-3

RUN DATA-PT		215.001	215.002	215.003	215.004	215.005	215.006	215.007	215.008	215.009	215.010	215.011	215.012	215.013
92 MR TURB FM		.247377	.886621	.879258	.869265	.867604	.873433	.868982	.870994	.870495	.871760	.870866	.869648	.869793
94 PVAC-1	PSIA-AP	.291883	.370850	.358124	.365431	.365084	.365833	.366155	.366572	.366701	.366360	.366156	.366430	.366138
95 PVAC-2	PSIA-AP	.281318	.359876	.356966	.353971	.353484	.353930	.354277	.354583	.354769	.354456	.354527	.354485	.354197
96 PYROHI	DEG F	.2562.87	.2563.01	.2562.87	.2563.13	.2781.36	.3144.69	.3368.68	.3500.10	.3577.93	.3628.48	.3667.43	.3703.08	.3733.97
97 TTFB-2	DEG F	.79.6379	.80.9846	.81.5759	.83.9320	.88.8876	.94.5531	.106.857	.119.822	.135.229	.152.788	.172.287	.193.335	.215.929
98 TTFB-3	DEG F	.82.6957	.84.0543	.85.7054	.87.0548	.90.3193	.94.4160	.105.212	.116.044	.128.767	.143.717	.160.998	.180.694	.202.376
99 MIDPT		.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	
100 AT	SG IN.	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010	.214010
101 AE	SG IN.	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320	.663320
102 PA	PSIA	.286601	.365363	.362550	.359701	.359284	.359882	.360216	.360578	.360735	.360408	.360342	.360458	.360168
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	-.03265	-.03265	-.03265	-.03265	-.03265	-.03265	-.03265	-.03265	-.03265	-.03265	-.03265	-.03265	-.03265
105 WD	LB/SEC-P	.142567	.141315	.139319	.139253	.139253	.139766	.139515	.139786	.139758	.139797	.139744	.139666	.139579
106 WF	LB/SEC-F	.160732	.160500	.160061	.160200	.160200	.159988	.160292	.160226	.160287	.160107	.160186	.160334	.160207
107 WT	LB/SEC-F	.303299	.301816	.299380	.299453	.299453	.299854	.299807	.300012	.300046	.299904	.299930	.300000	.299786
108 MR	LBS	.886989	.880468	.870414	.869243	.874855	.870377	.872427	.871923	.873146	.872389	.871093	.871243	
109 F SL	LBS	.78.3511	.78.9166	.79.0709	.79.1672	.79.1342	.79.2775	.79.4036	.79.5380	.79.6313	.79.7589	.79.8697	.79.8772	
110 F VAC	LBS	.78.5934	.79.1571	.79.3095	.79.4055	.79.5164	.79.6428	.79.7773	.79.8979	.80.1088	.80.1161			
111 ISP VAC	SECS	.259.129	.262.270	.264.912	.265.168	.264.617	.265.225	.265.465	.265.884	.266.319	.266.722	.267.029	.267.245	
112 C STAR	FT/SEC	.5551.68	.5579.92	.5612.62	.5603.27	.5577.61	.5578.50	.5570.85	.5567.82	.5566.43	.5563.61	.5563.15	.5563.48	
113 CF		1.50069	1.51120	1.51753	1.52153	1.52536	1.52862	1.53210	1.53535	1.53825	1.54136	1.54326	1.54441	
114 XDIFF F	PERCENT	.317853	.289650	.292724	.292909	.296194	.283704	.286588	.293138	.271417	.309842	.283332	.272860	
115 XDIFF FMO	PERCENT	.343269	.338552	.374505	.357160	.386131	.388637	.392151	.393136	.393135	.374904	.350177	.368154	
116 XDIFF FHF	PERCENT	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	
117 XDIFF FMO PD %		-.8.0620	-1.1207	.349385	-.76431	-.07583	.320560	-.98052	.426100	.380350	-.01646	-.31552	-.87419	
118 XDIFF FHF PD %		-.8.8131	.060997	.579742	-.89361	.095282	-.22616	-.44555	.281703	-.01920	-.06389	-.41823	-.18626	
120 XDIFF FHF PD %		1.42477	1.42588	1.42658	1.42675	1.42682	1.42698	1.42702	1.42707	1.42711	1.42723	1.42720	1.42722	
121 SGO		1.00130	1.00172	1.00198	1.00205	1.00208	1.00214	1.00215	1.00217	1.00218	1.00223	1.00221	1.00223	
122 SGO		1.41414	1.41510	1.41575	1.41575	1.41564	1.41420	1.41357	1.41299	1.41217	1.41129	1.41129	1.41099	
123 SGJ		1.00130	1.00172	1.00198	1.00205	1.00208	1.00214	1.00215	1.00217	1.00218	1.00223	1.00221	1.00223	
124 SGFRI		1.00129	1.00170	1.00197	1.00203	1.00206	1.00212	1.00214	1.00216	1.00217	1.00221	1.00220	1.00221	
125 SGFJ		1.00130	1.00171	1.00197	1.00204	1.00207	1.00213	1.00214	1.00216	1.00218	1.00222	1.00221	1.00222	
126 AVSGF		1.41945	1.42049	1.42116	1.42119	1.42088	1.42059	1.42014	1.42003	1.41964	1.41970	1.41925	1.41910	
127 AVSGO		197.820	204.508	200.782	206.748	223.576	244.284	267.577	291.804	323.730	350.328	380.134	417.154	
129 ROVJ		4596.31	4663.49	4814.79	4762.76	4703.72	4704.00	4673.48	4657.09	4630.07	4606.45	4582.45	4548.64	
130 ROJ		-16.823	-16.887	-16.989	-16.960	-17.007	-16.944	-16.959	-16.948	-16.985	-16.970	-16.939	-16.966	
132 RFRV		263.050	247.645	254.518	249.014	264.521	254.438	257.728	261.679	268.165	263.706	264.417	270.788	
133 RFRV		3677.31	3680.17	3696.08	3691.19	3709.40	3702.37	3704.80	3705.87	3712.81	3713.29	3701.49	3709.05	
134 RFI		.071099	.069927	.070573	.069547	.066879	.063981	.061133	.058540	.055579	.053427	.051290	.048961	
136 KOVJ		.014750	.014643	.014412	.014490	.014581	.014580	.014628	.014654	.014696	.014734	.014772	.014827	
137 KOJ		.061657	.063546	.062682	.063371	.061485	.062292	.062290	.061818	.061066	.061580	.061497	.060769	
140 KVVJ		.016491	.016484	.016449	.016460	.016419	.016435	.016429	.016427	.016412	.016410	.016437	.016420	
141 KFJ	LB/SEC	.131073	.139732	.139806	.138189	.139860	.139962	.138415	.140354	.140329	.139721	.139225	.138359	
142 WD PD	LB/SEC	.146566	.160598	.160989	.158769	.160140	.159930	.159512	.160739	.160077	.160083	.159664	.159908	
143 WF PD	LB/SEC	.277640	.300330	.300795	.296957	.300000	.299882	.297927	.301093	.300405	.299804	.298889	.298267	
144 WT PD		.894294	.870070	.868421	.870377	.873360	.875146	.867739	.873179	.876635	.872803	.871992	.865238	
145 MR PD	SECS	283.077	263.567	263.667	267.397	264.576	265.150	267.323	264.959	265.875	266.834	268.022	268.605	
146 ISP PD	FT/SEC	6064.77	5607.53	5586.22	5650.36	5576.74	5576.93	5609.83	5548.46	5557.15	5565.94	5583.84	5591.81	
147 CSTAR PD		234.034	209.170	199.086	209.945	223.916	242.725	272.903	289.333	321.282	350.444	382.544	424.544	
149 ROVJ PD		5437.75	4769.79	4781.32	4836.41	4710.86	4673.98	4766.49	4617.65	4595.05	4607.97	4611.50	4629.22	
150 ROJ PD		-20.232	-16.866	-16.794	-17.268	-16.975	-17.021	-17.111	-16.853	-16.991	-16.992	-17.081	-17.029	
152 RFRV PD														

FILE NAME

100 LB ENGINE PERFORMANCE JOB #10 100LB A
TEST NO. 1 XDI-D02-0A-115 DATE 09-23-94 1549 HOURS DURATION 15.018 SECONDS
CONFIG: 6 SE CC P/N 1200177-2 HTRIP=.25" LTRIP=.75"J0014
09-27-94
12:02:14

RUN DATA-PT

153 RFVJ PD	215.001	215.002	215.003	215.004	215.005	215.006	215.007	215.008	215.009	215.010	215.011	215.012	215.013
154 RFJ PD	316.354	247.343	251.593	253.725	264.017	255.592	260.040	260.211	268.268	264.044	266.642	271.800	
155 KVVJ PD	442.448	3675.269	3653.59	3758.65	3702.34	3719.17	3738.03	3685.08	3714.23	3718.04	3732.65	3722.91	
156 KVVJ PD	.045367	.049143	.070819	.069016	.065828	.064186	.060534	.058790	.055790	.053418	.051128	.048533	
157 KOJ PD	.013561	.014479	.014462	.014379	.014570	.014627	.014484	.014716	.014752	.014731	.014726	.014698	
160 KFVJ PD	.056223	.063584	.063045	.062804	.061544	.062550	.062013	.061992	.061054	.061541	.061240	.060656	
161 KFJ PD	.015037	.016494	.016544	.016312	.016435	.016397	.016356	.016473	.016408	.016400	.016368	.016389	
162 FQVIT	313.610	313.444	312.957	311.918	311.354	311.157	311.196	311.185	311.152	311.036	311.116	310.927	
163 FQJT	310.777	310.569	310.215	309.697	308.271	307.809	307.515	307.171	306.695	306.217	305.891	305.200	
164 FFRIT	345.948	345.532	344.783	344.539	344.219	344.081	343.975	344.074	344.013	343.904	343.847	343.882	
165 FFRIT	346.382	345.767	345.218	344.774	344.653	344.515	344.409	344.509	344.448	344.338	344.281	344.316	
166 FFRIT	339.595	339.398	338.710	338.396	337.897	337.992	337.807	337.800	337.588	337.587	337.499	337.381	
173 MC00L TRIP	.063196	.063305	.063434	.063557	.063581	.063511	.063442	.063399	.063436	.063524	.063680	.063707	
174 DT TRIP	1.65620	2.83143	3.85242	4.41107	4.80869	5.08884	5.52396	5.80368	6.09345	6.28768	6.52934	6.72481	
175 GTW	.104664	.179244	.244373	.280353	.305743	.323199	.350449	.367949	.386546	.399420	.415786	.428417	

215.014 215.015 215.016 215.017

C1-88

RUN.DATA-FT

215.014 215.015 215.016 215.017

92	HR TURB FM		-867633	.866747	.866631	.869492
94	FVAC-1	FSIA-AP	.365670	.365032	.365614	.365933
95	FVAC-2	FSIA-AP	.353975	.353278	.353456	.354100
96	PYRQHI	DEG F	3761.62	3762.95	3820.04	3470.29
97	TIFR-2	DEG F	239.613	264.124	288.850	167.336
98	TIFR-3	DEG F	225.890	250.796	275.932	160.052
99	HIDPT		12.5000	13.5000	14.4090	8.40900
00	AT	SQ.IN.	.214010	.214010	.214010	.214010
01	AE	SQ.IN.	.663320	.663320	.663320	.663320
02	FA	PSIA	.359833	.359155	.359535	.360018
03	NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000
04	F ZERO	LBS	-.03265	-.03265	-.03265	-.03265
05	WO	LB/SEC-F	.139285	.139165	.139095	.139522
06	WF	LB/SEC-F	1.60266	1.60279	1.60243	1.60202
07	WT	LB/SEC-P	.299551	.299444	.299338	.299734
08	HR		.869090	.868269	.868027	.870922
09	F SL	LBS	79.9162	79.8965	79.9510	79.5800
10	F VAC	LBS	80.1549	80.1347	80.1895	79.8188
11	ISP VAC	SECS	267.583	267.612	267.889	266.299
12	C STAR	FT/SEC	5563.85	5561.05	5563.28	5573.40
13	CF		1.54627	1.54721	1.54819	1.53621
14	XDIFF F	PERCENT	.303272	.309547	.312639	.293195
15	XDIFF FMD	PERCENT	.364935	.372263	.409137	.374404
16	XDIFF FME	PERCENT	.000000	.000000	.000000	.000000
19	XDIFF FMO PD %		.51391	.019134	4.25997	.224232
20	XDIFF FME PD %		.735092	-.53595	5.24451	.385396
21	SGD		1.42717	1.42721	1.42721	1.42705
22	SGF		1.00221	1.00222	1.00222	1.00216
23	SCDU		1.41035	1.41004	1.40972	1.41255
24	SGFR1		1.00221	1.00222	1.00222	1.00216
25	SGFU		1.00219	1.00221	1.00221	1.00215
26	AVSGF		1.00220	1.00221	1.00222	1.00215
27	AVSGD		1.41876	1.41862	1.41846	1.41980
29	ROVJ		450.784	448.239	525.177	338.395
30	ROJ		4523.44	4498.71	4461.44	4626.37
32	RFRV		-16.952	-16.950	-16.958	-16.962
33	RFVJ		272.184	277.807	278.938	264.618
34	RFJ		3709.59	3711.49	3709.48	3705.93
36	KOVJ		.046243	.045257	.043636	.054361
37	KOJ		.014868	.014909	.014971	.014702
40	KFVJ		.060613	.059997	.059875	.061474
41	KFJ		.016419	.016414	.016419	.016427
42	WD PD	LB/SEC	1.138570	1.139192	1.145021	1.139840
43	WF PD	LB/SEC	.161444	.159420	.168647	.160824
44	WT PD	LB/SEC	.300014	.298612	.313668	.300664
45	HR PD		.858314	.873114	.859907	.869524
46	1SP PD	SECS	267.171	268.358	255.651	265.475
47	CSTAR PD	FT/SEC	5555.28	5576.55	5309.13	5556.16
48	ROVJ PD		458.485	488.052	483.137	336.882
49	ROJ PD		4570.29	4456.99	4104.31	4705.69
52	RFRV PD		-16.709	-17.134	-15.310	-16.832

100 LI ENGINE PERFORMANCE JDB J10 100LB A
 TEST NO. LAD1-D02-BA-115 DATE 09-23-94 1549 HOURS - DURATION 15.018 SECONDS
 CONFIG: G RE CC P/N 1208177-2 HTRIP=.25" LTRIP=.75"

J0014
 09-27-94
 12:02:14

RUN DATA-PT

153 RFVJ PD	215.014	215.015	215.016	215.017
154 RFJ PD	268.026	280.809	251.831	262.590
156 KOVJ PD	255.664	3751.60	3348.99	3677.53
157 KOJ PD	.046702	.045265	.045495	.054483
160 KFVJ PD	.014792	.014912	.015609	.014735
161 KFJ PD	.061059	.059675	.063015	.061711
162 POVIT	.016539	.016326	.017280	.016490
163 POJT	310.649	310.467	310.418	311.186
164 FFRIT	204.444	303.802	303.254	306.546
165 FFOIT	343.835	343.834	343.777	344.040
166 FFJT	344.269	344.269	344.212	344.475
173 WCOOL TRIP	337.294	337.148	337.065	337.698
174 DT TRIP	.063743	.063722	.063643	.063568
175 01W	6.84180	7.06152	7.33741	5.89005
	.436119	.449077	.466977	.374421

HIPC336 TEST -116.
9-29-94 3308 PERFORMANCE
HL-PC THRUSTER HIST (HHIPC.EUD)

TIME SECS LAG=	START TI	STOP TI	TIME OF HRS.MIN	FMRW- LB-W	FMO-1 LB-W	FMO-2 LB-W	FMF-1 LB-W	FMF-2 LB-W	FMNW- LB-W	POTR PSIA	PFTTR PSIA	FMNW- LB-W	POVI PSIA	PFR0(PF PSIA	PFRI PSIA
216.001	0.0000	-0.5	17.22	0.0000	0.019198	0.0000	0.0000	0.0000	0.0000	319.327	377.266	0.0000	320.011	0.0000	0.0000
216.002	0.5	1	17.22	0.10096	0.10096	0.000793	0.004398	0.002154	0.0000	316.322	357.169	0.0000	318.656	0.0000	0.0000
216.003	1	2	17.22	0.098911	0.099223	0.000793	0.162768	0.143102	0.0000	314.167	356.511	0.0000	313.428	0.0000	0.0000
216.004	2	3	17.22	0.097102	0.097417	0.000793	0.162666	0.143824	0.0000	311.79	355.793	0.0000	311.099	0.0000	0.0000
216.005	3	4	17.22	0.095305	0.095653	0.000793	0.162599	0.142417	0.0000	310.795	356.058	0.0000	310.144	0.0000	0.0000
216.006	4	5	17.22	0.097005	0.097327	0.000793	0.163203	0.146233	0.0000	311.413	356.073	0.0000	310.665	0.0000	0.0000
216.007	5	6	17.22	0.097072	0.097408	0.000793	0.163122	0.146709	0.0000	311.858	356.155	0.0000	311.125	0.0000	0.0000
216.008	6	7	17.22	0.09708	0.097417	0.000793	0.163016	0.143711	0.0000	312.118	356.186	0.0000	311.372	0.0000	0.0000
216.009	7	8	17.22	0.097155	0.097522	0.000793	0.163056	0.147116	0.0000	312.19	356.227	0.0000	311.437	0.0000	0.0000
216.01	8	9	17.22	0.097235	0.097568	0.000793	0.162925	0.145098	0.0000	312.249	356.342	0.0000	311.468	0.0000	0.0000
216.011	9	10	17.22	0.097168	0.097497	0.000793	0.162833	0.137837	0.0000	312.198	356.308	0.0000	311.45	0.0000	0.0000
216.012	10	11	17.22	0.097212	0.097544	0.000793	0.162827	0.140399	0.0000	312.198	356.4	0.0000	311.438	0.0000	0.0000
216.013	11	12	17.22	0.097167	0.097507	0.000793	0.162883	0.142389	0.0000	312.185	356.576	0.0000	311.421	0.0000	0.0000
216.014	12	13	17.22	0.097028	0.09737	0.000793	0.163021	0.143204	0.0000	312.185	356.557	0.0000	311.412	0.0000	0.0000
216.015	13	14	17.2219	0.096972	0.097301	0.000793	0.163046	0.14403	0.0000	312.184	356.764	0.0000	311.387	0.0000	0.0000
216.016	14	15	17.23	0.096893	0.097201	0.000793	0.163214	0.14706	0.0000	312.187	356.833	0.0000	311.367	0.0000	0.0000
216.017	15	20	17.23	0.096845	0.09717	0.000793	0.163254	0.145797	0.0000	312.094	357.081	0.0000	311.308	0.0000	0.0000
216.018	20	25	17.23	0.096866	0.097	0.000793	0.163427	0.148096	0.0000	311.997	357.439	0.0000	311.19	0.0000	0.0000
216.019	25	30	17.23	0.096616	0.096957	0.000793	0.163487	0.14963	0.0000	311.921	357.544	0.0000	311.071	0.0000	0.0000
216.02	30	35	17.23	0.096497	0.096839	0.000793	0.163746	0.150252	0.0000	311.881	357.824	0.0000	310.987	0.0000	0.0000
216.021	35	40	17.23	0.096423	0.096766	0.000793	0.163755	0.15078	0.0000	311.802	358.061	0.0000	310.92	0.0000	0.0000
216.022	41.634	46.634	17.23	0.095474	0.095811	0.000793	0.166675	0.165861	0.0000	311.813	362.9	0.0000	310.929	0.0000	0.0000
216.023	45.634	46.634	17.23	0.095516	0.095856	0.000793	0.166489	0.165181	0.0000	311.873	362.872	0.0000	310.954	0.0000	0.0000

TIME SECS LAG=	PC-1 PSIA	PFVI PSIA	POJ PSIA	PFJ PSIA	FCAL-A LBS	FCAL-B LBS	FA LBS	FB LBS	PW-1 PSIA	PW-2 PSIA	PW-3 PSIA	PW-4 PSIA	POL-1 PSIA	PW-5 PSIA	PHE PSIA
216.001	0.0000	376.15	6.53653	14.35	-0.01128	-0.00758	-0.00758	-0.0103	0.0000	0.0000	0.0000	0.0000	320.986	0.0000	16.1204
216.002	247.146	350.059	312.408	343.285	-0.0551	0.009759	79.0705	79.0427	0.0000	0.0000	0.0000	0.0000	317.631	0.0000	16.1079
216.003	248.453	349.36	310.253	342.778	-0.04228	0.000376	79.3562	79.3261	0.0000	0.0000	0.0000	0.0000	315.368	0.0000	16.0602
216.004	245.275	348.608	307.983	341.806	-0.02443	-0.00274	79.2584	79.2201	0.0000	0.0000	0.0000	0.0000	312.975	0.0000	16.1232
216.005	244.871	348.812	307.248	342.073	-0.01778	0.01594	79.3583	79.3007	0.0000	0.0000	0.0000	0.0000	312.029	0.0000	16.1108
216.006	244.854	348.787	307.366	342.051	-0.0128	0.023104	79.5938	79.5377	0.0000	0.0000	0.0000	0.0000	312.575	0.0000	16.1658
216.007	244.95	348.99	307.523	342.307	-0.0066	0.038728	79.8137	79.757	0.0000	0.0000	0.0000	0.0000	313.044	0.0000	16.1725
216.008	244.99	348.915	307.483	342.262	-0.01372	0.032472	79.9515	79.8901	0.0000	0.0000	0.0000	0.0000	313.268	0.0000	16.2573
216.009	244.911	348.966	307.214	342.271	-0.01114	0.050084	80.0358	79.9771	0.0000	0.0000	0.0000	0.0000	313.357	0.0000	16.243
216.01	244.788	349.07	306.839	342.185	-0.02392	0.049767	80.1068	80.0401	0.0000	0.0000	0.0000	0.0000	313.379	0.0000	16.2543
216.011	244.781	349.03	306.471	342.085	-0.01403	0.058475	80.2473	80.1774	0.0000	0.0000	0.0000	0.0000	313.39	0.0000	16.21
216.012	244.603	349.236	305.979	342.007	-0.01877	0.054187	80.2904	80.2193	0.0000	0.0000	0.0000	0.0000	313.34	0.0000	16.2623
216.013	244.592	349.271	305.591	342.104	-0.02039	0.050938	80.3691	80.3249	0.0000	0.0000	0.0000	0.0000	313.366	0.0000	16.2468
216.014	244.627	349.315	305.093	342.155	-0.02628	0.040801	80.5313	80.4832	0.0000	0.0000	0.0000	0.0000	313.305	0.0000	16.2578
216.015	244.461	349.436	304.63	342.123	-0.02333	0.052988	80.6241	80.591	0.0000	0.0000	0.0000	0.0000	313.295	0.0000	16.2183

TIME	PFVIT	PFJT	PVAC U	ISP-N(286	WCOOL	DT TRIP	QTW	WCOOL	DT NOZ	QNW
SECS	PSIA	PSIA	PSIA	SECS	LB/SEC	DEG F	BTU/SEC	LB/SEC	DEG F	BTU/SEC
LAG=	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.018	350.553	344.467			0.059635	1.46519	0.087377			
216.019	349.855	343.958			0.059752	2.77139	0.165595			
216.02	349.102	342.985			0.059816	3.70948	0.221888			
216.021	349.307	343.28			0.059894	4.18436	0.250619			
216.022	349.282	343.236			0.059915	4.55948	0.273182			
216.023	349.485	343.493			0.059992	4.98234	0.2989			
	349.41	343.447			0.059969	5.32777	0.319499			
	349.461	343.457			0.060004	5.69294	0.341598			
	349.565	343.369			0.060034	5.99617	0.359973			
	349.525	343.248			0.060029	6.2596	0.375758			
	349.731	343.19			0.060051	6.53213	0.392263			
	349.766	343.287			0.06003	6.84396	0.41094			
	349.81	343.341			0.060133	7.13724	0.429194			
	349.931	343.309			0.060271	7.41694	0.447028			
	349.997	343.408			0.060285	7.70946	0.464609			
	350.21	343.272			0.060433	8.81058	0.532452			
	350.583	343.099			0.060549	10.7559	0.651259			
	350.57	342.575			0.060514	12.6932	0.768115			
	350.822	342.319			0.060606	14.4553	0.876076			
	351.014	341.967			0.060577	15.8385	0.95933			
	355.506	346.015			0.0606	17.3905	1.05366			
	355.515	345.801			0.060595	17.9785	1.08941			

216.023		1.42815	1.00259	1.4057	1.00259	1.00257	1.00258	1.41892	1540.27	3596.96	-15.64	349.551	3680.43
TIME	KOTV	KOVJ	KOJ	KFTR	KFRV	KFVJ	KFJ	WO PD	WT PD	MR PD	ISP PD	CSTAR	ROTV P
SECS								LB/SEC	LB/SEC		SECS	FT/SEC	
LAG=	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.001		0.069126	0.014891			0.066036	0.016515						
216.002		0.068325	0.014757			0.067044	0.016488						
216.003		0.067555	0.014615			0.065798	0.016464						
216.004		0.068741	0.014396			0.066439	0.01647						
216.005		0.065339	0.014642			0.066396	0.016459						
216.006		0.062673	0.014854			0.066716	0.016451						
216.007		0.060243	0.01467			0.066835	0.016448						
216.008		0.057784	0.014711			0.066622	0.016445						
216.009		0.055151	0.014754			0.065535	0.01643						
216.01		0.05308	0.014789			0.065072	0.01643						
216.012		0.050648	0.014834			0.063748	0.016419						
216.013		0.048947	0.014875			0.064064	0.016414						
216.014		0.046895	0.014918			0.064174	0.016429						
216.015		0.045285	0.014946			0.063435	0.01642						
216.016		0.043608	0.015005			0.063663	0.016433						
216.017		0.039921	0.015144			0.062086	0.016426						
216.018		0.035262	0.015405			0.059813	0.016432						
216.019		0.032014	0.015688			0.057893	0.016452						
216.02		0.029628	0.015948			0.056228	0.016467						
216.021		0.027838	0.016194			0.054513	0.016461						
216.022		0.025892	0.016564			0.05417	0.016491						
216.023		0.02348	0.016674			0.053487	0.016484						
TIME	ROJ PD	RFTR P	RFVJ P	RFVJ P	RFJ PD	KOTV P	KOVJ P	KOJ PD	KFTR P	KFRV P	KFVJ P	KFJ PD	PFRT
SECS													PSIA
LAG=	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.001													350.119
216.002													349.42
216.003													348.668
216.004													348.872
216.005													348.847
216.006													349.051
216.007													348.976
216.008													349.027
216.009													349.13
216.01													349.091
216.011													349.296
216.012													349.331
216.013													349.375
216.014													349.497
216.015													349.563
216.016													349.776

TIME SECS LAG=	%DIFF F %	SGO	SGF	SGOJ	SGFRI	SGFJ	AVSGF	AVSGO	ROTV	ROVJ	ROJ	RFTR	RFRV	RFVJ	RFJ
216.001	0.144162	0.163054	0.307216	0.864137	79.0655	79.3024	258.132	5535.34	1.49933	-0.03517	0.315594	0			
216.002	0.141264	0.16295	0.304213	0.860917	79.35	79.5872	261.616	5574.3	1.50695	-0.03796	0.315329	0			
216.003	0.138707	0.162888	0.301595	0.85155	79.2472	79.4945	263.547	5595.85	1.51424	-0.04573	0.325227	0			
216.004	0.136221	0.163537	0.299758	0.832967	79.3384	79.5762	265.468	5620.86	1.51849	-0.07258	0.364606	0			
216.005	0.13867	0.163431	0.3021	0.848491	79.5746	79.8137	264.196	5576.88	1.52313	-0.07024	0.331934	0			
216.006	0.138796	0.163463	0.302289	0.848838	79.7943	80.0345	264.761	5575.58	1.52674	-0.07115	0.346148	0			
216.007	0.138728	0.163401	0.302229	0.849619	79.9297	80.1702	265.263	5577.6	1.52908	-0.07679	0.346719	0			
216.008	0.138975	0.163451	0.302428	0.85025	80.0154	80.2563	265.375	5572.17	1.53122	-0.07327	0.377555	0			
216.009	0.13907	0.163324	0.302395	0.851499	80.0823	80.3235	265.625	5569.94	1.53327	-0.0833	0.34321	0			
216.01	0.139045	0.163233	0.302209	0.851393	80.2213	80.4626	266.248	5573.2	1.53597	-0.08714	0.338944	0			
216.011	0.138976	0.163231	0.302277	0.851832	80.2636	80.505	266.329	5567.92	1.53789	-0.08863	0.341826	0			
216.012	0.13899	0.163209	0.302259	0.851296	80.3559	80.5973	266.65	5567.98	1.53973	-0.05497	0.349904	0			
216.013	0.138794	0.163428	0.302223	0.849268	80.5162	80.7575	267.212	5569.45	1.54257	-0.05975	0.35298	0			
216.014	0.138703	0.163453	0.302156	0.848585	80.6165	80.8576	267.803	5566.91	1.54553	-0.04098	0.339075	0			
216.015	0.13858	0.163623	0.302203	0.846944	80.7883	81.0296	268.13	5567.24	1.54848	-0.05273	0.318361	0			
216.016	0.138525	0.163665	0.30219	0.846394	80.9518	81.193	268.682	5561.21	1.55335	-0.00705	0.335799	0			
216.017	0.138282	0.163942	0.302124	0.843995	81.299	81.5401	269.39	5595.41	1.56197	0.002356	0.344696	0			
216.018	0.138213	0.163901	0.302114	0.843276	81.5843	81.8255	270.843	5547.37	1.56975	0.035565	0.352501	0			
216.019	0.138046	0.164162	0.302207	0.840913	81.8303	82.0713	271.573	5537.04	1.57692	0.054162	0.353964	0			
216.02	0.137949	0.164176	0.302125	0.840249	82.1291	82.37	272.635	5528.41	1.58556	0.076769	0.35524	0			
216.021	0.136593	0.167107	0.3037	0.817398	82.8957	83.1369	273.747	5518.03	1.59473	0.08517	0.353582	0			
216.022	0.136654	0.16692	0.303574	0.816678	82.9752	83.2164	274.122	5519.54	1.59677	0.08021	0.356	0			
216.023															
216.001		1.42586	1.00163	1.41781	1.00163	1.00162	1.00163	1.42174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.002		1.42594	1.00174	1.4181	1.00174	1.00173	1.00174	1.42202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.003		1.42615	1.00183	1.41831	1.00183	1.00182	1.00182	1.42223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.004		1.42671	1.00204	1.41785	1.00204	1.00203	1.00204	1.42218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.005		1.42714	1.0022	1.41671	1.0022	1.00219	1.0022	1.42193	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.006		1.42735	1.00228	1.4155	1.00228	1.00227	1.00227	1.42143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.007		1.42757	1.00236	1.41486	1.00236	1.00235	1.00235	1.42121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.008		1.42774	1.00242	1.41412	1.00242	1.00241	1.00242	1.42093	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.009		1.42781	1.00245	1.41398	1.00245	1.00244	1.00244	1.42068	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.01		1.42784	1.00246	1.41368	1.00246	1.00245	1.00245	1.42046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.012		1.42789	1.00248	1.41304	1.00248	1.00247	1.00247	1.42047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.013		1.42792	1.00249	1.41279	1.00249	1.00248	1.00249	1.42036	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.014		1.42794	1.0025	1.41268	1.0025	1.00249	1.00249	1.42041	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.015		1.42792	1.00249	1.4125	1.00249	1.00248	1.00248	1.42021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.016		1.42796	1.00251	1.41231	1.00251	1.0025	1.0025	1.42014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.017		1.42799	1.00252	1.41236	1.00252	1.0025	1.0025	1.42017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.018		1.42804	1.00254	1.41175	1.00254	1.00253	1.00253	1.41989	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.019		1.42802	1.00253	1.41071	1.00253	1.00252	1.00252	1.41937	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.02		1.42804	1.00254	1.40977	1.00254	1.00252	1.00253	1.41891	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.021		1.42813	1.00257	1.40875	1.00257	1.00256	1.00256	1.41844	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.022		1.42816	1.00259	1.40859	1.00259	1.00258	1.00258	1.41738	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

216.011	2905.97	2729.01	3707.9	91.701	-0.00028	2.6E-05	79.6059	354.288	30.2961	87.5682	-0.00033	-9E-05			
216.012	2950.65	2778.22	3764.91	91.727	9E-05	-4E-05	79.6531	354.503	30.3097	87.546	-0.00032	-0.00012			
216.013	2993	2829.58	3812.09	91.9099	6E-06	1.5E-05	79.6413	354.608	30.3207	87.7019	-0.00031	-0.00015			
216.014	3040.92	2884	3843.51	91.8418	4.8E-05	-5E-05	79.5956	354.62	30.3313	87.7491	-0.00023	-0.00012			
216.015	3067.53	2920.06	3867.24	92.1165	7E-06	0.00013	79.6119	354.752	30.3402	87.8775	-0.00032	-0.00015			
216.016	3092.6	2957.91	3880.64	92.2577	-0.00018	-0.00016	79.5605	354.79	30.3485	87.9021	-0.0004	-0.00022			
216.017	3114.75	3016.57	3869.84	92.2117	-1E-05	-1E-05	79.5687	355.033	30.3663	88.0802	-0.00035	-0.00015			
216.018	3140	3089.92	3852.71	92.6475	5.6E-05	2.4E-05	79.5673	355.432	30.3846	88.6852	-0.00028	-0.00014			
216.019	3142.09	3138.86	3840.55	93.3978	1E-05	4E-06	79.5525	355.392	30.416	89.2365	-0.00033	-0.00015			
216.02	3153.33	3178.21	3837.64	94.0829	-7E-05	-3E-05	79.5523	355.695	30.4316	89.5399	-0.00032	-0.00021			
216.021	3159.87	3203.03	3833.86	94.8295	5.5E-05	2E-05	79.5524	355.894	30.4448	89.7497	-0.00027	-0.00011			
216.022	3161.01	3216.71	3797.01	96.4133	3.2E-05	1.2E-05	79.4552	360.53	30.4622	89.9606	-0.00029	-0.0001			
216.023	3165.7	3232.3	3792.5	97.0735	0.000124	-6E-05	79.4297	360.528	30.4663	90.0361	-0.00029	-7E-05			
TIME	TCRB	TCRI	TCRO	TTP-1A	TTP-2A	TTP-3A	TTB-1B	PFRO	TJB-1	TJB-2	TRB-1	TRB-2	TRB-3	FMTW-1	FMTW-2
SECS	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	PSIA	DEG F	DEG F	DEG F	DEG F	DEG F	LB-W	LB-W
LAG=	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.001									76.5838	80.4531				0.120812	-0.00142
216.002									85.7633	84.1232				0.120672	-0.0014
216.003									90.1307	85.6258				0.120907	-0.0014
216.004									94.8392	87.1811				0.121039	-0.00141
216.005									99.0522	88.6744				0.121189	-0.0014
216.006									102.177	90.1045				0.121222	-0.00139
216.007									104.495	91.5039				0.121375	-0.00139
216.008									106.844	93.1784				0.121329	-0.00139
216.009									108.694	94.3238				0.121415	-0.00141
216.01									110.612	95.6024				0.121476	-0.00141
216.011									112.075	96.6648				0.121459	-0.0014
216.012									113.509	97.2873				0.121511	-0.00141
216.013									115.075	97.9889				0.121452	-0.00139
216.014									116.02	98.5927				0.121685	-0.00142
216.015									117.468	99.1484				0.121944	-0.0014
216.016									118.828	99.9398				0.121963	-0.00143
216.017									122.504	101.689				0.122285	-0.00142
216.018									127.726	104.596				0.122522	-0.00142
216.019									131.944	107.332				0.122444	-0.00142
216.02									135.7	110.674				0.122623	-0.00141
216.021									139.144	114.401				0.122572	-0.00142
216.022									143.26	119.787				0.12263	-0.00143
216.023									144.07	121.476				0.122628	-0.00144
TIME	PHU	PVHE	TOFM	TFFM	TTFB-1	TNWI	TNWO	TTWI	TTWO	TH-1	TH-2	TH-3	TH-4	TH-5	TH-6
SECS	PSIA	PSIA	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F
LAG=	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.001	61.0581	10.5346	82.9431	82.5522	77.117			77.454	77.4909						
216.002	61.0162	10.6036	82.879	82.3736	80.0627			77.4407	78.9059						
216.003	61.048	10.63	82.5803	82.1524	82.182			77.8195	80.5909						
216.004	61.0715	10.6968	81.5516	81.9735	84.8427			78.8917	82.6012						
216.005	61.0943	10.8213	79.5234	81.5476	88.5904			80.0771	84.2815						

216.016	244.514	349.502	304.105	342.221	-0.02686	0.066165	80.8006	80.758	313.241	16.2543					
216.017	244.239	349.715	302.68	342.084	-0.04723	0.057917	80.9458	80.94	313.196	16.2518					
216.018	243.93	350.088	300.211	341.909	-0.04792	0.113034	81.2891	81.291	313.135	16.2586					
216.019	243.57	350.074	297.791	341.384	-0.06013	0.133171	81.5609	81.5899	313.043	16.2718					
216.02	243.191	350.326	295.541	341.125	-0.07314	0.158208	81.7992	81.8435	312.953	16.3561					
216.021	242.746	350.518	293.461	340.773	-0.09798	0.22875	82.0887	82.1517	312.786	16.4086					
216.022	243.597	355.009	291.155	344.785	-0.12417	0.276266	82.8515	82.9221	312.757	16.4372					
216.023	243.519	355.018	290.516	344.574	-0.13897	0.268791	82.933	82.9985	312.774	16.473					
TIME	TJB-3	TCN-1	TWI	TOL	TFL	TCELL	TOJ	TWO	TC-4	TC-5	TC-6	TC-7	TC-8	TC-9	TC-10
SECS	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F
LAG=	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.001	79.3186	83.7939				84.3878			85.594	81.1876	80.6129				
216.002	81.4103	99.3711				85.4829			636.849	878.113	588.819				
216.003	82.5869	123.233				86.2896			1306.82	1570.9	947.426				
216.004	83.8434	157.619				87.9795			2002.88	2258.91	1371.97				
216.005	84.7356	189.749				89.3986			2510.8	2749.81	1723.72				
216.006	85.479	215.931				91.1975			2848.09	3087.63	2027.18				
216.007	85.9865	238.561				92.1404			3094.58	3317.98	2244.77				
216.008	86.5151	261.228				93.0838			3282.59	3465.86	2404.18				
216.009	86.89	282.008				94.0098			3422.86	3561.03	2515.53				
216.01	87.4067	301.27				95.6858			3527.88	3613.73	2598.14				
216.011	87.8323	380.458				97.1239			3609.71	3641.67	2647.02				
216.012	88.1651	383.769				98.6961			3673.21	3655.74	2685.47				
216.013	88.6396	404.122				99.6176			3723.97	3662.14	2704.12				
216.014	89.057	433.402				101.592			3763.15	3662.45	2712.12				
216.015	89.6308	445.855				102.942			3791.91	3685.5	2722.54				
216.016	90.3347	431.986				104.548			3816.63	3686.6	2721.96				
216.017	92.3986	471.642				106.275			3842.59	3647.38	2717.76				
216.018	96.1771	414.124				114.551			3855.51	3617.98	2708.87				
216.019	99.9376	428.946				120.9			3849.39	3590.26	2700.52				
216.02	103.813	439.814				126.855			3846.59	3588.68	2724.51				
216.021	107.454	447.205				132.855			3841.99	3560.37	2749.76				
216.022	112.396	448.486				140.025			3812.89	3517.36	2745.71				
216.023	114.009	447.999				141.927			3810.77	3506.26	2748.02				
TIME	TFRI	TC-1	TC-2	TC-3	TFRO(TF	TOV	TFRP	WOPDF	WFPDF	POTS	PFL	VTCV	TFVI	WOPDF	WFPDF
SECS	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	DEG F	LB/SEC-P	LB/SEC-P	PSIA	PSIA	VOLTS	DEG F	LBS	LBS
LAG=	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
216.001	89.0869	88.0436	89.4581			86.6897		0.249756	0.249756	79.5258	377.619	0.046416	89.5184	-0.00011	0
216.002	556.673	559.122	798.845			88.2185		-0.00044	0.000161	79.5606	355.361	30.0126	90.9946	-0.00022	2.7E-05
216.003	1144.89	1122.81	1506.16			87.986		6.1E-05	3.9E-05	79.547	354.707	30.064	89.0945	-0.00019	-4E-05
216.004	1713.21	1644.85	2207.44			87.8149		6.5E-05	-0.00011	79.5481	353.926	30.1182	87.9175	-0.0002	-3E-05
216.005	2097.99	1982.89	2899.77			88.2965		-9E-05	-4E-05	79.5602	354.113	30.1607	87.6555	-0.00018	-6E-05
216.006	2350.69	2205.83	3022.07			89.0012		-0.00011	9.8E-05	79.5868	354.108	30.1935	87.4569	-0.00026	-3E-05
216.007	2533.54	2367.74	3252.34			89.9014		-0.00015	-0.00015	79.5904	354.292	30.2217	87.2877	-0.00025	-0.00012
216.008	2675.07	2503.29	3434.32			90.3832		-0.00011	-4E-05	79.5837	354.236	30.2444	87.2401	-0.00032	-0.0001
216.009	2772.36	2597.4	3558.6			90.9335		0.000161	2.4E-05	79.5606	354.308	30.2635	87.3304	-0.00032	-0.00015
216.01	2842.64	2866.5	3649.7			91.3463		9E-05	2E-06	79.584	354.403	30.2817	87.4536	-0.00029	-0.00015

TEST NO. LXDI-002-0A-117 DATE 10-10-94 2129 HOURS DURATION 14.983 SECONDS
CONFID: J IR-RE CC CS SKIRT WTRIP=.25" LTIP=.75"

RUN DATA-PT

	217.001	217.002	217.003	217.004	217.005	217.006	217.007	217.008	217.009	217.010	217.011	217.012	217.013
98 TTFB-3	72.1385	73.0118	72.5558	73.9563	78.6551	84.5841	93.0276	102.786	113.935	125.932	138.883	152.397	166.362
99 MIDPT	.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	12.5000
100 AT	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980
101 AE	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380
102 PA	.013360	.107332	.109731	.109666	.109231	.108253	.107731	.107689	.108083	.107870	.107774	.107676	.107346
103 NO CONTENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	.013444	.013444	.013444	.013444	.013444	.013444	.013444	.013444	.013444	.013444	.013444	.013444	.013444
105 W0	.122687	.121351	.120137	.120259	.119960	.119995	.119955	.120594	.120862	.120727	.120495	.120308	.120294
106 WF	.173149	.172134	.171906	.171705	.171565	.171407	.171275	.171138	.170941	.171050	.170950	.171037	.171037
107 WT	.296035	.293485	.292043	.291974	.291525	.291402	.291869	.292001	.291668	.291545	.291258	.291331	.291331
108 MR	.709722	.704980	.698856	.700429	.699207	.700057	.704092	.706227	.706252	.704443	.703764	.703323	.703323
109 F SL	82.4250	82.8650	82.8590	83.0179	83.0330	83.1659	83.4072	83.5100	83.4672	83.4672	83.4954	83.5059	83.5059
110 F VAC	83.4954	83.9572	83.9504	84.1052	84.1105	84.2383	84.4791	84.5859	84.5409	84.5890	84.5672	84.5744	84.5744
111 ISP VAC	282.045	286.070	287.459	288.057	288.519	289.079	289.442	289.677	289.854	290.140	290.352	290.304	290.304
112 C STAR	5852.14	5839.63	5826.27	5825.38	5825.48	5828.80	5831.35	5834.61	5832.42	5836.88	5838.72	5836.47	5836.47
113 CF	1.54955	1.57503	1.58631	1.58985	1.59237	1.59455	1.59585	1.59819	1.59783	1.59819	1.59885	1.59920	1.59920
114 TOIFF F	.032887	.036939	.017024	.003133	.030358	.017768	.029152	.030998	.025044	.058309	.049822	.040128	.040128
115 TOIFF FMO	-.38452	-.07937	-.11101	-.14580	-.14149	-.12741	-.13199	-.10044	-.09863	-.09265	-.15603	-.15945	-.15945
116 TOIFF FME	.155195	.156285	.117178	.117233	.155612	.152817	.125211	.152622	.137674	.154602	.191702	.132598	.132598
117 TOIFF FMO PD	-.8.21759	-.56474	.044342	.909715	-.40525	.055901	.135709	.108500	1.67818	.602186	.583831	.583831	.583831
120 TOIFF FME PD	-8.1426	.056831	.301403	.105181	-.92687	.306948	-.17890	.634172	-.47949	-.23119	.169976	.251061	.251061
121 SGO	1.44580	1.44384	1.44203	1.44278	1.44250	1.44238	1.44234	1.44229	1.44223	1.44218	1.44220	1.44215	1.44215
122 SGF	1.00943	1.00875	1.00845	1.00836	1.00825	1.00821	1.00819	1.00818	1.00815	1.00813	1.00814	1.00813	1.00813
123 SG0J	1.44652	1.44688	1.44754	1.44881	1.44851	1.44867	1.44880	1.44878	1.44886	1.44888	1.44936	1.44951	1.44951
124 SGFRI	1.00949	1.00875	1.00845	1.00836	1.00825	1.00821	1.00819	1.00818	1.00815	1.00813	1.00814	1.00813	1.00813
125 SGFJ	1.00949	1.00875	1.00845	1.00836	1.00825	1.00821	1.00819	1.00818	1.00815	1.00813	1.00814	1.00813	1.00813
126 AVSGF	1.44615	1.44536	1.44528	1.44551	1.44551	1.44552	1.44557	1.44554	1.44554	1.44554	1.44558	1.44583	1.44583
127 AVSGO	102.285	93.7689	85.0566	78.1831	76.5252	67.1738	75.8066	81.3055	83.7083	76.3370	70.2412	77.0841	77.0841
130 ROJ	5235.84	5361.26	5390.64	5338.07	5371.25	5336.43	5239.29	5206.84	5223.65	5245.00	5234.45	5243.78	5243.78
132 RFRV	-14.735	-14.888	-14.918	-14.951	-14.972	-14.998	-15.021	-15.045	-15.079	-15.058	-15.076	-15.061	-15.061
133 RFRVJ	3.48642	.958441	4.87591	5.37943	7.40418	5.48120	1.11438	-.78262	4.96440	.356994	1.18121	1.92836	1.92836
134 RFRVJ	3621.91	3647.51	3652.47	3651.12	3655.92	3658.43	3656.67	3658.11	3664.36	3658.86	3663.53	3661.09	3661.09
136 KOVJ	.098877	.102269	.108429	.113095	.114314	.122011	.114854	.110902	.109299	.114454	.119317	.113898	.113898
137 KOJ	.013820	.013657	.013620	.013687	.013645	.013689	.013815	.013858	.013836	.013808	.013795	.013809	.013809
140 KFRVJ	.520832	1.02145	.452869	.431153	.367504	.427132	.947291	.448814	1.67367	.920101	.739553	.739553	.739553
141 KFRJ	.016616	.016558	.016547	.016550	.016539	.016533	.016537	.016534	.016520	.016532	.016522	.016527	.016527
142 WO PD	.112716	.120566	.120191	.121242	.119474	.122017	.120661	.122503	.120858	.122517	.121033	.120996	.120996
143 WF PD	.159050	.172232	.172424	.171887	.169975	.171933	.170969	.172224	.170121	.170655	.171240	.171466	.171466
144 WT PD	.271766	.292898	.292614	.293129	.289449	.293950	.291630	.294726	.290973	.293172	.292273	.292462	.292462
145 MR PD	.708694	.700601	.697065	.705358	.702898	.709676	.705749	.711301	.710424	.717924	.706801	.705658	.705658
146 ISP PD	307.232	286.643	286.898	296.922	290.588	286.573	289.679	286.998	290.540	288.530	289.343	289.181	289.181
147 CSTAR PD	6374.76	5851.34	5814.90	5802.44	5867.26	5778.27	5836.12	5780.65	5846.22	5804.49	5818.44	5813.89	5813.89
149 ROVJ PD	121.578	94.9370	94.9812	75.9322	77.1492	64.9657	75.7219	79.1428	83.5270	73.8379	69.4029	76.1919	76.1919
150 ROJ PD	6223.42	5422.32	5385.36	5252.66	5415.05	5161.01	5233.44	5068.34	5212.33	5073.29	5131.73	5183.08	5183.08
152 RFRV PD	-17.454	-14.871	-14.829	-14.919	-15.253	-14.907	-15.075	-14.856	-15.224	-15.128	-15.025	-14.995	-14.995
153 RFRVJ PD	4.36894	.957352	4.84665	5.36814	7.54337	5.44771	1.11838	.77278	5.01235	.358650	1.17721	1.81921	1.81921
154 REFJ PD	4292.49	3643.37	3630.55	3643.45	3724.65	3636.08	3669.79	3612.15	3699.76	3675.84	3651.11	3642.77	3642.77
156 KOVJ PD	.090693	.102686	.108477	.114011	.113850	.124067	.114918	.112407	.109417	.114375	.120036	.114563	.114563
157 KOJ PD	.012675	.013590	.013626	.013798	.012539	.013920	.013823	.014046	.013851	.014040	.013879	.013990	.013990
160 KFRVJ PD	.478423	1.02203	.454234	.31607	.364097	.424443	.945595	.446662	1.66980	.921655	.741410	.741410	.741410

10-13-74
11:31:13

SECUND

14.733

TRIP=.75"

SKIRT

CC

IP-RE

CONF: J

UNIT 10-13-74

1231 NJ

10-13-74

11:31:13

RUN	DATA-PT	217.001	217.002	217.003	217.004	217.005	217.006	217.007	217.008	217.009	217.010	217.011	217.012	217.013
161	KFJ PD													
162	PQVIT													
163	PCJT													
164	PERIT													
165	PFVIT													
166	PFJT													
167	PYROMI													
173	WCUOL TRIP													
174	DT TRIP													
175	QTM													

TEST NO. LK01-002-0A-117 DATE 10-10-94 2129 HOURS DURATION 14.983 SECONDS
CONFIG: J IP-RE CC C9 SKIRT MTRIP=.25" LTRIP=.75"

RUN DATA-PT

0	START TIME	217.014	217.015	217.016	217.017
1	STOP TIME	12.0000	13.0000	14.0000	2.00000
2	TIME OF DAY	13.0000	14.0000	14.7930	14.7930
4	FMO-1	21.2900	21.2925	21.3000	21.2911
5	FMO-2	.083542	.083355	.083439	.083498
6	FME-1	.083411	.083312	.083334	.083377
7	FME-2	.169537	.169514	.169535	.169720
9	POTR	.169738	.159759	.169871	.159969
10	POVR	150.947	150.919	150.894	150.907
12	POVI	234.219	234.264	234.232	234.293
15	PG-1	149.439	149.277	149.101	149.859
16	PFV1	97.0517	97.0418	96.9681	97.0585
17	POJ	202.788	202.743	202.745	203.037
18	PFJ	148.723	148.538	148.243	149.064
19	FCAL-A	202.021	201.935	201.562	202.190
20	FCAL-B	-.00143	.002465	-.00507	.002349
21	FA	.090712	.023501	-.00486	.015584
22	FB	83.5123	83.5450	83.4647	83.3476
27	POL-1	83.5624	83.5756	83.5207	83.3777
30	TJ5-3	151.110	150.975	150.777	151.559
35	TC-LL	70.8150	70.8298	70.9889	70.3625
38	TC-4	80.2796	82.0992	93.7113	69.6758
39	TC-5	2801.12	2822.32	2942.97	2828.59
40	TC-6	2676.44	2665.80	2647.33	2770.63
46	TC-1	2267.10	2291.80	2288.19	1928.53
47	TC-2	2624.81	2620.31	2612.89	2585.50
50	TOV	53.2076	63.2311	53.2356	63.6765
52	WOPDFM	.120795	.120049	.125735	.121444
53	WOPDFM	.171934	.171157	.178150	.171918
54	POTS	53.6046	53.5757	53.5425	53.5636
55	PFL	208.994	208.917	208.989	209.226
56	VTCV	30.4054	30.4176	30.4269	30.3332
57	TFV1	69.0675	69.0515	69.0014	68.3419
58	WOPDFM	1.05840	1.14226	1.22150	.726491
59	WOPDFM	2.14471	2.31629	2.47790	1.47172
68	TJ8-1	70.4821	70.6505	70.9476	69.9950
69	TJ8-2	72.1966	72.2921	72.3285	71.6513
73	FMTW-1	.126967	.126981	.126397	.127047
74	FMTW-2	-.00019	-.00019	-.0001E	-.00019
75	PMU	33.2136	39.6353	39.3911	40.9593
77	TOM	64.5390	64.6239	64.6333	63.8207
78	TFPM	68.8701	68.3097	68.8608	68.6833
79	TF8-1	157.843	182.157	195.759	124.165
82	TFW1	70.6073	70.6443	70.6428	70.4515
83	TFW2	74.4495	74.5402	74.5159	73.8411
90	WD TUR2 FM	.120855	.120567	.120714	.120870
91	WF TUR3 FM	.171013	.171014	.171080	.171237
92	MR TUR4 FM	.705703	.705016	.705603	.705857
94	PVAC-1	.114259	.114375	.114427	.114612
95	PVAC-2	.100347	.101095	.101153	.101451
97	TF8-2	141.372	153.675	155.160	109.252

RUN.DATA-PT

217.014 217.015 217.016 217.017

98	TTF0-3	DEG F	185.711	195.129	208.958	132.440
99	MUPT		12.5000	13.5007	14.3915	6.39150
100	AT	SQ.IN.	9.54980	9.54990	9.54980	9.54980
101	AE	SQ.IN.	9.95380	9.95380	9.95380	9.95380
102	PA	PSIA	10.7603	10.7735	10.7790	10.8032
103	NU	CONTENT	1.60000	1.60000	1.60000	1.60000
104	F	ZERO	0.13444	0.13444	0.13444	0.13444
105	WD	LW/SEC-P	1.20380	1.20103	1.20251	1.20338
106	WF	LW/SEC-P	1.71011	1.71015	1.71079	1.71236
107	WT	LW/SEC-P	2.91391	2.91124	2.91330	2.91574
108	MR		7.03929	7.02326	7.02900	7.02759
109	F SL	LBS	83.5239	83.5468	83.4792	83.3492
110	F VAC	LBS	84.5950	84.6192	84.5522	84.4244
111	ISP	SECS	290.314	290.663	290.228	299.547
112	C STAR	FT/SEC	5935.91	5940.66	5932.11	5932.65
113	CF		1.59941	1.60003	1.59993	1.59608
114	DIFF F	PERCENT	0.59957	0.36629	0.67039	0.36093
115	DIFF FMD	PERCENT	-1.15693	-1.17048	-1.12593	-1.13194
116	DIFF FHF	PERCENT	1.18691	1.14437	1.17559	1.146421
117	DIFF FMD PD	%	3.55111	-0.5005	4.56049	9.19333
118	DIFF FMD PD	%	4.81093	0.92575	4.13342	3.98260
119	DIFF FMD PD	%	1.44209	1.44217	1.44210	1.44234
120	DIFF FMD PD	%	1.00810	1.00813	1.00811	1.00819
121	SGO		1.44951	1.44948	1.44947	1.44891
122	SGF		1.00810	1.00813	1.00811	1.00819
123	SGJ		1.00810	1.00813	1.00811	1.00819
124	SGFRI		1.00810	1.00813	1.00811	1.00819
125	SGFJ		1.00810	1.00813	1.00811	1.00819
126	AV>GF		1.00810	1.00813	1.00811	1.00819
127	AVSGO		1.44580	1.44582	1.44579	1.44562
128	ROVJ		69.5158	71.2980	82.9340	76.5492
129	ROJ		5236.23	5242.01	5207.47	5271.07
130	ROJ		-15.065	-15.065	-15.053	-15.028
131	RFRV		-0.7627	1.27601	4.2664	2.55401
132	RFRV		3.66224	3.559.60	3.660.28	3.558.65
133	RFRVJ		1.20810	1.18430	1.09908	1.14296
134	RKJ		0.13819	0.13812	0.13858	0.13774
135	KOVJ		8.95263	1.53454	6.25733	
136	KOVJ		0.16524	0.16530	0.16529	0.16533
137	KQJ	LW/SEC	1.20795	1.20049	1.25735	1.21444
138	KVJ	LW/SEC	1.71834	1.71157	1.73150	1.71918
139	KVJ	LW/SEC	2.92629	2.91205	2.93885	2.93363
140	KVJ	LW/SEC	7.02977	7.01396	7.05783	7.05407
141	KFJ	SECS	239.086	290.532	278.237	287.782
142	WD PD	FT/SEC	5911.22	5939.04	5591.15	5797.10
143	WF PD		68.0453	71.3694	75.8573	75.1609
144	WT PD		5230.27	5247.25	4763.12	5175.48
145	MR PD		-14.321	-15.040	-13.892	-14.903
146	ISP PD		-0.7554	1.27391	3.91620	2.53319
147	CSTAR PD		3627.25	3653.57	3375.47	3629.69
148	ROVJ PD		121227	118371	114816	115346
149	ROVJ PD		0.13867	0.13805	0.14490	0.13900
150	ROVJ PD		0.13867	0.13805	0.14490	0.13900
151	RFRV PD		0.13867	0.13805	0.14490	0.13900
152	RFRV PD		0.13867	0.13805	0.14490	0.13900
153	RFRVJ PD		0.13867	0.13805	0.14490	0.13900
154	RKJ PD		0.13867	0.13805	0.14490	0.13900
155	KOVJ PD		0.13867	0.13805	0.14490	0.13900
156	KOVJ PD		0.13867	0.13805	0.14490	0.13900
157	KQJ PD		0.13867	0.13805	0.14490	0.13900
158	KVJ PD		0.13867	0.13805	0.14490	0.13900
159	KVJ PD		0.13867	0.13805	0.14490	0.13900
160	KVJ PD		0.13867	0.13805	0.14490	0.13900

FILE M10C

TEST NO. LXD1-D02-0A-117 100 LP ENGINE PERFORMANCE JO9 J10-100L8-A
DATE 10-10-94 2129 HOURS DURATION 14.993 SECONDS
CONFIG: J IR-RE CC C8 SKIRT WTRIP=.25" LTRIP=.75"

J3014
10-13-94
11:31:13

RUN.DATA-PT

161 KFJ PD	217.014	217.015	217.016	217.017
162 PUVIT	.016504	.016544	.017212	.016598
163 POJT	150.097	149.925	149.749	150.508
164 PFRIT	143.400	149.213	149.519	149.741
165 PFVIT	202.854	202.809	202.811	203.103
166 PFJT	203.291	203.246	203.249	203.540
167 PYROM1	203.293	203.209	203.236	203.466
173 WCUOL TRIP	3259.23	3262.97	3257.50	3182.62
174 OT TRIP	.126967	.125981	.126537	.127047
175 QTW	3.84121	3.89596	3.97302	3.33957
	.497708	.494713	.504560	.430635

TEST NO. LXJ1-D02-0A-119 DATE 10-10-94 2304 HOURS DURATION 14.935 SECONDS
CONFIG: J IR-RE CC CB SKIRT WTRIP=.25" LTRIP=.75"

PUN.-DATA-PT

	219.001	219.002	218.003	218.004	218.005	218.006	218.007	218.008	219.009	218.010	218.011	218.012	218.013
98 TTF8-3	66.4773	66.9781	67.3812	69.1971	73.6761	80.8493	88.9090	98.8781	110.305	122.603	136.271	150.387	165.280
99 MIDPT	.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	12.5000
100 AT	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980	.544980
101 AE	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380
102 PA	.174509	.124347	.120836	.120435	.120184	.120033	.120000	.120000	.120000	.120000	.119409	.119121	.119580
103 NO CONTENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	-.02381	-.02381	-.02381	-.02381	-.02381	-.02381	-.02381	-.02381	-.02381	-.02381	-.02381	-.02381	-.02381
105 WO	.141338	.141532	.140937	.140647	.140411	.140348	.140311	.140311	.140050	.139661	.139702	.139628	.139717
106 WF	.162729	.160954	.160244	.159653	.160018	.159882	.159891	.159891	.159870	.159912	.159912	.159488	.159778
107 WT	.304066	.302486	.301181	.300299	.300429	.300230	.300230	.300230	.299920	.299466	.299614	.299116	.299495
108 MR	.868548	.879333	.879311	.880955	.877474	.877824	.877542	.877542	.876022	.873948	.873614	.875480	.874442
109 F SL	84.7945	86.2299	86.7231	86.7274	86.8663	86.9366	87.0215	87.0014	86.9622	87.0194	86.8834	86.9832	86.9832
110 F VAC	86.5315	87.4676	87.9259	87.9268	88.0628	88.1311	88.2169	88.1965	88.1557	88.2080	88.0691	88.1735	88.1735
111 ISP VAC	284.581	289.163	291.937	292.797	293.124	293.526	293.859	294.066	294.376	294.406	294.431	294.407	294.407
112 C STAR	5840.44	5874.75	5881.10	5882.89	5876.49	5875.36	5879.01	5874.72	5884.65	5878.07	5876.37	5877.27	5877.27
113 CF	1.5596	1.59254	1.59600	1.60021	1.60374	1.60619	1.60707	1.60938	1.60836	1.61032	1.61093	1.61055	1.61055
114 XDIFF F	.657118	.047563	.048499	.046384	.050388	.057769	.056010	.019887	.058270	.024576	.016189	.062522	.062522
115 XDIFF FMO	.787582	-.30213	.478915	.481238	.469067	.460195	.478646	.470598	.424371	.453373	.409340	.486099	.486099
116 XDIFF FMF	-.133678	.133731	.089387	.097629	.115466	.074004	.064504	.112511	.112533	.098797	.107023	.086723	.086723
119 XDIFF FMO PD %	-6.9379	-.19897	.459334	.931288	-.04196	.156652	.190556	.922766	1.46776	1.66176	1.6176	1.6176	1.6176
120 XDIFF FMF PD %	-7.6134	-.09383	.461818	-.35876	-.81906	.275652	-.29716	.346761	1.44424	1.44409	1.44407	1.44410	1.44410
121 SGO	1.44939	1.44675	1.44539	1.44487	1.44463	1.44451	1.44451	1.44451	1.44438	1.44409	1.44407	1.44410	1.44410
122 SGF	1.01078	1.00378	1.00926	1.00907	1.00898	1.00894	1.00894	1.00891	1.00888	1.00883	1.00878	1.00877	1.00878
123 SGJ	1.44580	1.44695	1.44820	1.44887	1.44935	1.44983	1.45002	1.45002	1.45033	1.45060	1.45064	1.45070	1.45070
124 SGFRI	1.01078	1.00978	1.00926	1.00907	1.00898	1.00894	1.00891	1.00891	1.00888	1.00883	1.00877	1.00877	1.00878
125 SGFJ	1.01078	1.00978	1.00926	1.00907	1.00898	1.00894	1.00891	1.00891	1.00888	1.00883	1.00877	1.00877	1.00878
126 AVSGF	1.01078	1.00978	1.00926	1.00907	1.00898	1.00894	1.00891	1.00891	1.00888	1.00883	1.00877	1.00877	1.00878
127 AVSGO	1.44759	1.44695	1.44679	1.44687	1.44692	1.44717	1.44723	1.44735	1.44735	1.44735	1.44736	1.44740	1.44740
129 ROVJ	392.637	389.299	388.330	385.742	389.182	383.526	389.677	389.094	390.296	376.808	382.253	379.446	379.446
130 ROJ	4495.13	4502.17	4552.44	4548.50	4548.14	4550.24	4550.34	4576.25	4580.75	4605.07	4605.60	4590.68	4590.68
132 RFRV	-16.726	-17.063	-17.197	-17.318	-17.236	-17.264	-17.260	-17.264	-17.264	-17.276	-17.252	-17.343	-17.281
133 RFVJ	14.6723	12.8320	11.4622	20.4255	9.84635	13.2209	8.86106	4.54870	7.66015	3.16438	14.1870	12.9929	12.9929
134 RFJ	3595.14	3637.70	3642.80	3653.32	3639.52	3639.60	3639.10	3646.10	3645.23	3646.04	3661.11	3646.01	3646.01
136 KOVJ	.050467	.050683	.050746	.050916	.050890	.051063	.050658	.050658	.050696	.050618	.051516	.051148	.051336
137 KOJ	.014915	.014904	.014821	.014827	.014828	.014825	.014824	.014782	.014775	.014736	.014735	.014759	.014759
140 KVVJ	.231417	.279160	.295370	.221266	.318886	.275024	.335936	.468874	.361311	.562154	.265494	.277425	.277425
141 KFJ	.016678	.016580	.016569	.016576	.016576	.016577	.016577	.016561	.016561	.016561	.016527	.016561	.016561
142 WO PD	.131504	.141250	.141598	.141957	.140346	.142687	.140578	.141342	.141712	.140205	.140553	.140793	.140793
143 WF PD	.150340	.160803	.160994	.159090	.158707	.160322	.159416	.160425	.159546	.159559	.158885	.160647	.160647
144 WT PD	.281843	.302053	.302582	.301037	.299052	.303009	.299994	.301767	.301259	.299764	.299438	.301440	.301440
145 MR PD	.874710	.879408	.879577	.892361	.884307	.889937	.881835	.881050	.888221	.878707	.884619	.876409	.876409
146 ISP PD	307.020	289.577	290.585	292.080	294.473	290.853	294.062	292.267	292.625	294.258	294.115	292.508	292.508
149 ROVJ PD	6344.11	5883.17	5853.86	5868.49	5903.53	5822.06	5883.08	5838.77	5849.64	5875.12	5870.05	5839.35	5839.35
150 ROJ PD	453.557	390.853	384.711	378.656	389.547	371.058	383.197	382.011	379.079	374.104	377.241	373.669	373.669
152 RFRV PD	5192.58	4520.14	4510.00	4664.95	4552.40	4402.32	4533.25	4492.35	4449.10	4572.03	4545.21	4520.79	4520.79
153 RFVJ PD	-19.596	-17.095	-17.039	-17.442	-17.522	-17.169	-17.363	-17.145	-17.332	-17.328	-17.475	-17.094	-17.094
154 RFJ PD	21.8772	12.8561	11.3570	20.5728	10.0037	13.1433	8.91396	4.51732	7.68499	3.17842	14.2948	12.8528	12.8528
156 KOVJ PD	4212.09	3644.54	3609.38	3679.67	3699.88	3619.61	3660.82	3620.95	3657.05	3662.21	3688.93	3606.68	3606.68
157 KOJ PD	.046955	.050582	.050984	.051390	.050566	.051313	.050754	.051164	.051361	.051702	.051486	.051732	.051732
	.013577	.014874	.014891	.014965	.014821	.015072	.014852	.014919	.014992	.014789	.014833	.014873	.014873
	.213738	.273896	.296734	.220472	.316075	.275732	.334938	.470500	.360727	.560312	.264491	.278934	.278934

10-13-94
10:47:32

TEST NO. LX01-002-0A-114 DATE 10-10-94 2304 HOURS DURATION 14.935 SECONDS
CONFIG: J IR-RE CC CB SKIRT HTRIP=.25" LTRIP=.75"

RUN DATA-PT		213.001	218.002	218.003	219.004	218.005	213.006	218.007	218.008	218.009	219.010	218.011	218.012	219.013
161 KFJ PD														
162 PUVIT	PSIA	.015408	.016565	.016665	.016495	.016495	.016440	.016621	.016528	.016618	.016536	.016524	.016465	.016651
163 POJT	PSIA	169.572	169.134	169.850	169.199	169.199	167.923	167.722	167.309	167.718	167.454	167.543	167.362	157.348
164 PFRIT	PSIA	164.154	163.745	163.529	162.925	162.925	162.625	162.502	162.508	162.445	162.193	162.468	162.213	162.230
165 PFVIT	PSIA	195.244	194.635	193.625	193.185	193.185	192.933	192.731	192.724	192.603	192.606	192.580	192.531	192.619
166 PFJT	PSIA	196.722	195.073	194.063	193.622	193.370	193.229	193.161	193.041	193.043	193.017	192.988	193.056	
167 PYROMI	VOLTS	196.233	194.744	193.771	193.107	193.120	192.894	192.937	192.925	192.849	192.937	192.631	192.727	
173 WCUOL TRIP	LB/SEC	2561.65	2573.46	2706.35	3084.15	3292.69	3394.39	3446.17	3471.95	3484.06	3489.58	3493.53	3495.79	
174 OT TRIP	DEG F	.113109	.113120	.113116	.113072	.113035	.113091	.113048	.113048	.113173	.113252	.113142	.113136	
175 OTW	BTU/SEC	1.05488	1.71063	2.28316	2.67630	2.93019	3.08903	3.26845	3.35067	3.53276	3.54130	3.71220	3.82921	
		.119316	.193506	.258263	.304843	.331561	.349057	.369633	.378786	.399812	.401059	.420004	.433222	

TEST NO. LXD1-002-0A-119 100 LB ENGINE PERFORMANCE JOB J10-100L2-A
 DATE 10-10-94 2304 HOURS DURATION 14.995 SECONDS
 CONFIG: J IR-RE CC CB SKIRT HTRIP=.25" LTRIP=.75"

J0014
 1C-13-94
 10:47:32

RUN	DATA-PT	219.014	218.015	218.016	218.017
0	START TIME	12.0000	13.0000	14.0000	2.00000
1	STOP TIME	13.0000	14.0000	14.7950	14.7950
2	TIME OF DAY	23.0400	23.0400	23.0400	23.0400
4	FMC-1	.096345	.096175	.096235	.096663
5	FMD-2	.096752	.096590	.096665	.097102
6	FME-1	.158305	.158344	.158499	.158375
7	FME-2	.158556	.158498	.158703	.158533
9	POTR	159.955	160.076	150.080	160.060
10	PFIR	193.191	193.290	193.244	192.830
12	POVI	166.448	166.279	166.081	166.924
15	PC-1	100.519	100.437	100.391	100.600
16	PVFI	192.541	192.530	192.600	192.714
17	POJ	161.172	150.945	160.866	161.571
18	PFJ	191.839	191.560	191.754	191.826
19	FCAL-A	-.03616	-.03556	-.00753	-.01195
20	FCAL-B	.030033	.013504	.011451	.021594
21	FA	87.0247	86.9360	86.9053	86.8899
22	FB	87.0335	86.9734	86.9516	86.9265
27	POL-1	168.264	167.986	157.752	168.623
30	TJ8-3	67.6497	67.7512	57.9139	66.9105
35	TECELL	88.6535	90.9958	93.1227	74.4416
38	TC-4	2749.25	2768.86	2785.84	2731.42
39	TC-5	2622.84	2200.89	2042.95	2678.77
40	TC-6	2424.53	2455.47	2466.58	2124.44
46	TC-1	3386.68	3404.98	3421.39	3112.55
47	TC-2	3590.99	3597.61	3505.03	3357.92
50	TOV	62.5457	62.6405	62.5699	62.9216
52	WOPDFM	.138952	.140705	.145020	.141305
53	WFPDFM	.159710	.159130	.168135	.160441
54	POIS	58.6144	58.5316	58.4891	58.5012
55	PFL	198.591	198.511	198.435	198.591
56	VTCV	30.3549	30.3645	30.3707	30.2843
57	TFVI	69.5772	69.8075	69.8317	69.5259
58	WOPDFM	1.22813	1.32503	1.41767	.847569
59	WFPDFM	1.99852	2.15729	2.31091	1.37786
68	TJ8-1	65.0141	65.2013	65.5635	64.6076
69	TJ8-2	69.9305	69.9411	69.9875	70.2865
73	FMTW-1	.113078	.113049	.113134	.113115
74	FMTW-2	-.00262	-.00284	-.00249	-.00229
75	PHU	58.5409	58.4974	58.5412	58.4728
77	TOFM	63.1111	63.2156	63.2663	62.7093
78	TFEM	67.5348	67.5515	67.5436	67.2687
79	TFB-1	170.856	186.615	202.098	123.411
82	TTWI	69.5355	63.5533	53.6020	69.3526
83	TTWD	73.4622	73.6014	73.6767	72.7689
90	WD TURB FM	.139362	.139709	.139739	.140504
91	WF TURB FM	.159848	.159792	.159989	.159860
92	MR TURB FM	.875597	.874321	.873809	.878948
94	PVAC-1	.128120	.127268	.126987	.128310
95	PVAC-2	.110662	.110150	.109744	.111063
97	TFB-2	147.974	160.690	173.265	110.942

RUN DATA-PT				218.014	218.015	218.016	218.017
98 TFB-3	DEG F	180.266	195.728	210.909	130.554		
99 MIOP		12.5000	13.5000	14.3975	3.39750		
100 AT	SQ.IN.	544990	544920	544980	544990		
101 AE	SQ.IN.	9.95380	9.95360	9.95380	9.95390		
102 PA	PSIA	119391	118709	118366	119689		
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000		
104 F ZERO	LES	-02381	-02381	-02381	-02381		
105 W0	LB/SEC-P	139416	133166	139273	139933		
106 WF	LB/SEC-P	159856	159800	159990	159861		
107 WT	LB/SEC-P	292272	298967	299263	299793		
108 MR		872136	870878	870509	875340		
109 F SL	LBS	87.0529	86.9785	86.9522	86.9320		
110 F VAC	LBS	83.2413	88.1601	88.1304	88.1233		
111 ISP VAC	SECS	294.853	294.863	294.492	293.947		
112 C STAR	FT/SEC	5883.22	5986.41	5977.90	5979.72		
113 CF		1.61081	1.61065	1.61084	1.60736		
114 XDIFF F	PERCENT	0.0143	0.43063	0.53341	0.42111		
115 XDIFF FMO	PERCENT	422831	421271	446639	453858		
116 XDIFF FMF	PERCENT	107799	090699	132513	099695		
117 XDIFF FMO PD %		-33269	1.10523	4.12644	981107		
118 XDIFF FMF PD %		-09129	-41944	5.09070	363196		
121 SGJ		1.44400	1.44398	1.44399	1.44436		
122 SGF		1.00874	1.00874	1.00874	1.00888		
123 SGJ		1.45048	1.45035	1.45045	1.45000		
124 SGFRI		1.00874	1.00874	1.00874	1.00888		
125 SGFJ		1.00874	1.00873	1.00874	1.00888		
126 AVSGF		1.00374	1.00374	1.00874	1.00888		
127 AVSGO		1.44724	1.44717	1.44722	1.44718		
129 ROVJ		382.066	397.868	378.401	384.670		
130 ROJ		4586.04	4591.17	4591.99	4576.59		
132 RFRV		-17.263	-17.274	-17.234	-17.266		
133 RFVJ		2.30396	3.95156	7.89487	9.61647		
134 RFJ		3549.81	3648.52	3645.46	3646.38		
136 KOVJ		0.51160	0.50776	0.51407	0.50987		
137 KOJ		0.14767	0.14758	0.14773	0.14785		
140 KVVJ		658814	334234	355900	322472		
141 KFJ		0.16553	0.16555	0.16562	0.16560		
142 W0 PD	LB/SEC	138952	140705	145020	141305		
143 WF PD	LB/SEC	159710	159130	168135	160441		
144 WT PD	LB/SEC	298562	299934	313155	301747		
145 MR PD		870026	884212	862522	880729		
146 ISP PD	SECS	295.455	294.029	281.428	292.044		
147 CSTAR PD	FT/SEC	5897.24	5859.38	5617.16	5841.66		
149 ROVJ PD		384.622	379.434	349.003	277.231		
150 ROJ PD		4616.73	4471.34	4226.02	4485.13		
152 RFRV PD		-17.294	-17.420	-15.604	-17.141		
153 RFVJ PD		2.30817	9.02713	7.14852	9.54700		
154 RFJ PD		3656.49	3679.32	3300.84	3620.04		
156 KOVJ PD		0.50990	0.51337	0.53529	0.51487		
157 KOJ PD		0.14717	0.14921	0.15383	0.14930		
160 KVVJ PD		658212	332232	374013	323643		

FILE MHIPC

TEST NO. LXD1-U02-0A-118 100 LB ENGINE PERFORMANCE JOB J10-100LB-A
 DATE 10-10-94 2304 HOURS DURATION 14.935 SECONDS
 CONFIG: J IR-RE CC CB SKIRT MTRIP=.25" LTRIP=.75"

J0014
 10-13-94
 10:47:32

RUN.DAT1A-PT

ITEM	UNIT	218.014	219.015	218.016	218.017
161 KFJ PO					
162 POVIT					
163 POJT					
164 PFRIT					
165 PFVIT					
166 PFJT					
167 PYROMI					
173 WCOOL TRIP					
174 OT TRIP					
175 QTW					
PSIA		.016537	.016486	.017406	.016620
PSIA		167.105	166.936	166.738	167.581
PSIA		161.973	161.745	161.666	162.376
PSIA		132.599	192.588	192.658	192.771
PSIA		193.036	193.025	193.095	193.209
PSIA		192.978	192.799	192.895	192.965
VOLTS		3496.82	3496.94	3496.01	3375.33
LE/SEC		.113078	.113043	.113134	.113115
DEG F		3.92767	4.04803	4.07471	3.41619
dtU/SEC		.444133	.457626	.460986	.385421

RUN. DATA-PT

0 START TIME
1 STOP TIME
2 TIME OF DAY
4 FMO-1
5 FMO-2
6 FMO-1
7 FMO-2
8 FMO-1
9 FMO-2
10 PSTR
11 PSTR
12 PSTR
13 PSTR
14 PSTR
15 PSTR
16 PSTR
17 PSTR
18 PSTR
19 PSTR
20 PSTR
21 PSTR
22 PSTR
23 PSTR
24 PSTR
25 PSTR
26 PSTR
27 PSTR
28 PSTR
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37 PSTR
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93 PSTR
94 PSTR
95 PSTR
96 PSTR
97 PSTR

RUN-DATE-PT

219.001 219.002 219.003 219.004 219.005 219.006 219.007 219.008 219.009 219.010 219.011 219.012 219.013

98 TTFB-3

DEG F

72.4587 73.0115 73.5371 74.8724 79.0967 85.1146 93.3935 103.476 114.895 127.533 141.160 155.706 171.049

99 MIDPT

SQ.IN.

.750000 1.500000 2.500000 3.500000 4.500000 5.500000 6.500000 7.500000 8.500000 9.500000 10.5000 11.5000

100 AT

SQ.IN.

.544980 .544980 .544980 .544980 .544980 .544980 .544980 .544980 .544980 .544980 .544980 .544980 .544980

101 AE

SQ.IN.

9.95380 9.95380 9.95380 9.95380 9.95380 9.95380 9.95380 9.95380 9.95380 9.95380 9.95380 9.95380 9.95380

102 PA

PSIA

.046232 .123820 .123820 .123820 .123820 .123820 .123820 .123820 .123820 .123820 .123820 .123820 .123820

103 NO CONTENT

PERCENT

1.60000 1.60000 1.60000 1.60000 1.60000 1.60000 1.60000 1.60000 1.60000 1.60000 1.60000 1.60000 1.60000

104 F ZERO

LBS

.00038 .00038 .00038 .00038 .00038 .00038 .00038 .00038 .00038 .00038 .00038 .00038 .00038

105 W0

LB/SEC-P

.149405 .149405 .149405 .149405 .149405 .149405 .149405 .149405 .149405 .149405 .149405 .149405 .149405

106 W1

LB/SEC-P

.154705 .154705 .154705 .154705 .154705 .154705 .154705 .154705 .154705 .154705 .154705 .154705 .154705

107 MT

LB/SEC-P

.304110 .304110 .304110 .304110 .304110 .304110 .304110 .304110 .304110 .304110 .304110 .304110 .304110

108 MR

LBS

.965738 .965738 .965738 .965738 .965738 .965738 .965738 .965738 .965738 .965738 .965738 .965738 .965738

109 F SL

LBS

85.4556 86.6988 86.9232 86.9952 87.0933 87.2265 87.2742 87.3252 87.3732 87.4212 87.4692 87.5172 87.5652

110 F VAC

SECS

86.8313 87.9468 88.1640 88.2333 88.3286 88.4583 88.5935 88.7376 88.8859 89.0382 89.1945 89.3548 89.5191

111 ISP VAC

FT/SEC

285.526 290.683 292.535 293.571 293.609 294.512 294.873 295.370 295.815 296.215 296.570 296.880 297.145

112 C STAR

PERCENT

5869.80 5870.90 5860.37 5858.93 5849.44 5858.41 5859.94 5864.05 5861.71 5864.93 5867.97 5875.38

113 CF

PERCENT

1.56395 1.59190 1.60492 1.61100 1.61382 1.61631 1.61787 1.61966 1.62180 1.62380 1.62558 1.62701

114 XDIFF F

PERCENT

.001763 .001114 .009603 .000754 .000428 .007251 .0022618 .032050 .026203 .018653 .026818 .033043

115 XDIFF FMO

PERCENT

3.66289 -1.2613 .460467 .420855 .420616 .422891 .364967 .394829 .377331 .396670 .427544 .433259

116 XDIFF FMF

PERCENT

.177913 .173533 .110355 .107904 .116674 .127630 .139009 .114208 .105222 .128512 .093502 .130149

119 XDIFF FMO PD %

%

-7.1438 .518293 1.09587 -1.8756 .983241 .513129 1.27320 .715667 1.32389 .488035 .285138 .21438

120 XDIFF FMF PD %

%

-7.5280 .143739 .235217 -.26436 -.51332 -.18545 .219848 -.35743 .221592 .144518 1.44509 1.44501

121 SGO

LBS

1.44861 1.44693 1.44594 1.44557 1.44540 1.44529 1.44520 1.44518 1.44514 1.44511 1.44509 1.44497

122 SGF

LBS

1.01044 1.00980 1.00942 1.00929 1.00922 1.00918 1.00915 1.00914 1.00911 1.00911 1.00908 1.00906

123 SGJ

LBS

1.44485 1.44654 1.44814 1.44923 1.44966 1.45008 1.45024 1.45028 1.45034 1.45034 1.45093 1.45083

124 SGFRI

LBS

1.01044 1.00980 1.00942 1.00929 1.00922 1.00918 1.00915 1.00914 1.00911 1.00911 1.00908 1.00906

125 SGFJ

LBS

1.01044 1.00960 1.00942 1.00929 1.00922 1.00918 1.00915 1.00914 1.00911 1.00911 1.00908 1.00906

126 AVSGF

LBS

1.01044 1.00980 1.00942 1.00929 1.00922 1.00918 1.00915 1.00914 1.00911 1.00911 1.00908 1.00906

127 AVSGO

LBS

1.44673 1.44674 1.44704 1.44740 1.44753 1.44769 1.44772 1.44773 1.44786 1.44801 1.44797 1.44790

129 ROVJ

LBS

641.577 604.549 601.453 598.437 593.743 587.453 594.965 592.578 595.599 597.289 595.628 594.827

130 ROJ

LBS

4374.40 4349.74 4367.89 4381.44 4357.50 4385.27 4395.74 4412.08 4417.08 4419.75 4426.96 4420.86

132 RFRV

LBS

-18.493 -18.975 -19.124 -19.253 -19.240 -19.268 -19.266 -19.273 -19.283 -19.282 -19.291 -19.310

133 RFVJ

LBS

-24.235 -25.157 -31.145 -28.375 -32.473 -31.663 -34.636 -32.420 -28.272 -28.989 -32.500 -28.795

134 RFJ

LBS

3622.30 3559.38 3662.10 3671.86 3668.69 3667.72 3668.60 3666.87 3670.54 3668.51 3672.11 3671.89

136 KOVJ

LBS

.039480 .040671 .040775 .040878 .041039 .041258 .040997 .041080 .040975 .040917 .040974 .041002

137 KOJ

LBS

.015120 .015164 .015131 .015107 .015149 .015101 .015083 .015055 .015046 .015042 .015030 .015040

141 KFJ

LBS

.016615 .016531 .016525 .016503 .016510 .016512 .016510 .016514 .016506 .016510 .016502 .016503

142 W0 PD

LB/SEC

.138732 .150699 .151039 .148826 .150818 .149747 .150556 .149535 .150339 .148992 .148526 .147665

143 W1 PD

LB/SEC

.143059 .152850 .152338 .151046 .150710 .151092 .151712 .150805 .151639 .150972 .150791 .151204

144 W1 PD

LB/SEC

.291791 .303549 .303376 .299872 .301528 .300839 .302368 .300341 .301977 .299964 .299316 .298869

145 MR PD

LBS

.969750 .985928 .991472 .985298 1.000071 .991102 .993043 .991579 .991427 .998684 .984980 .976597

146 ISP PD

SECS

308.141 289.728 290.610 294.237 292.936 294.038 292.702 294.857 293.066 295.104 295.827 296.159

147 CSTAR PD

FT/SEC

6334.72 5851.62 5821.81 5872.22 5836.04 5848.99 5816.79 5853.86 5817.07 5857.31 5869.06 5881.33

149 ROVJ PD

LBS

744.092 598.330 588.484 600.689 582.237 581.471 580.099 584.186 580.136 591.501 592.246 597.385

150 ROJ PD

LBS

5073.37 4304.00 4273.71 4397.92 4273.06 4340.61 4285.90 4349.60 4302.41 4376.92 4401.83 4439.89

152 RFRV PD

LBS

-21.627 -18.921 -19.034 -19.355 -19.439 -19.340 -19.181 -19.412 -19.198 -19.368 -19.414 -19.307

153 RFVJ PD

LBS

-28.341 -25.085 -30.998 -28.526 -32.803 -31.780 -34.485 -32.653 -28.147 -29.117 -32.707 -28.790

154 RFJ PD

LBS

4236.08 3648.89 3654.86 3691.35 3706.65 3681.36 3652.53 3693.22 3654.32 3684.74 3695.43 3671.20

156 KOVJ PD

LBS

.036660 .040882 .041222 .040801 .041443 .041470 .041519 .041374 .041518 .041117 .041091 .040914

157 KOJ PD

LBS

.014040 .015243 .015297 .015079 .015298 .015178 .015275 .015163 .015246 .015115 .015072 .015008

161 KFJ PD

LBS

.015304 .016555 .015564 .016453 .016425 .016481 .016546 .016555 .016542 .016474 .016450 .016504

162 POVIT

PSIA

179.256 178.237 177.401 175.905 176.626 176.554 176.550 176.426 176.344 176.306 176.206 176.042

10-13-74
11:20:23

SECUNDUS

URKATION 14.277
LTRIP=.75M

2521 MOURS

DATE 10-10-74

IR-RE CC CB SKIRT

CONFIG: J

LAU1-002-0A-117

1231 MD

10-13-74

RUN.DATA-PT

163 POJT
164 PERIT
165 PVIT
166 PEJT
167 PYROMI
173 WCOOL TRIP
174 OT TRIP
175 QTW

PSIA
PSIA
PSIA
PSIA
VOLTS
LB/SEC
DEG F
BTU/SEC

TEST NO. LX01-002-0A-119 DATE 10-10-94 2321 HOURS DURATION 14.977 SECONDS
 CONFIG: J IR-PE CC C9 SKIRT HTRIP=.25M LTRIP=.75M

J0014
 10-13-94
 11:20:23

100 LB ENGINE PERFORMANCE JBR J10-100LB-A

RUN DATA-PT		219.014	219.015	219.016	219.017
0	START TIME	12.0000	13.0000	14.0000	2.00000
1	STOP TIME	13.0000	14.0000	14.7770	14.7770
2	TIME OF DAY	23.2100	23.2100	23.2100	23.2100
4	FAC-1	101992	101810	101744	102461
5	FAC-2	102350	102260	102156	102888
6	FAC-1	149808	149676	149743	149896
7	FAC-2	149954	149840	149904	150067
9	POTR	166.395	166.442	166.424	166.392
10	POTR	177.202	177.266	177.343	177.036
12	POVI	175.231	175.023	174.999	175.687
15	PC-1	100.408	100.509	100.529	100.417
16	PVFI	182.343	182.372	182.338	182.500
17	POJ	166.066	165.912	165.852	166.428
18	PEJ	182.537	182.436	182.559	182.656
19	FCAL-A	000981	000471	001033	007507
20	FCAL-B	011964	008682	010174	018415
21	FA	87.1603	87.1004	87.0396	87.1715
22	FB	87.1831	87.1369	87.0731	97.1912
27	POL-1	176.790	176.579	176.592	177.294
30	TJ3-3	69.6295	69.7729	69.9429	68.8931
35	ICELL	93.9511	96.9976	99.7874	79.0742
38	TC-4	2638.22	2680.82	2702.37	2591.94
39	TC-5	2065.48	2036.35	1995.26	2130.39
40	TC-6	2541.88	2547.72	2558.17	2219.36
46	TC-1	3544.17	3565.27	3585.94	3218.98
47	TC-2	3718.61	3744.50	3768.85	3438.63
50	TOV	62.2458	62.2179	62.1903	62.7199
52	WOPDFM	148565	148357	154595	149864
53	WFODFM	151487	151725	157356	151809
54	POTS	58.4317	58.3852	58.4421	58.4288
55	PFL	187.827	187.815	197.800	187.981
56	VTCV	30.3478	30.3531	30.3669	30.2801
57	TFVI	59.5639	69.6005	69.6167	59.1634
58	WOPDFM	1.30179	1.40246	1.50196	.895164
59	WFODFM	1.89393	2.04208	2.18768	1.30133
68	TJ8-1	65.9602	66.2100	66.5434	65.3384
69	TJ8-2	71.4674	71.5127	71.5712	71.5561
73	FMTW-1	113866	113316	113241	113671
74	FMTW-2	000158	000169	010376	000170
75	PMU	56.1215	56.1366	56.1717	56.1322
77	TOFM	62.4369	62.4630	62.5185	61.9863
78	TFM	66.8727	65.8785	66.8912	66.6889
79	TFB-1	200.695	218.413	235.930	142.577
82	TTWI	69.1732	69.1345	69.2646	63.9732
83	TTWU	73.2787	73.3914	73.5901	72.5462
90	WD TURB FM	148149	149023	147890	149015
91	WF TURB FM	151239	151113	151179	151354
92	MR TURB FM	979569	979553	978251	984548
94	PVAC-1	132323	132329	132576	133339
95	PVAC-2	112306	112152	112273	113248
97	TTFB-2	159.551	172.750	186.044	119.171

10-13-96
11:20:23

TEST NO. LX01-002-0A-113 DATE 10-10-94 2321 HOURS DURATION 14.977 SECONDS
CONFIG: J IR-RE CC C8 SKIRT HTRIP=.25" LTRIP=.75"

RUN-DATE-PT		219.014	219.015	219.016	219.017
98	TFB-3	186.890	202.779	218.611	135.627
99	MIDPT	12.5000	13.5000	14.3895	9.39850
100	AT	.344940	.544980	.544980	.544980
101	AE	9.95380	9.95380	9.95380	9.95380
102	PA	.122316	.122240	.122425	.123293
103	NO CONTENT	1.60000	1.60000	1.60000	1.60000
104	F ZERO	-.00038	-.00033	-.00038	-.00038
105	WJ	.147560	.147435	.147310	.143284
106	WF	.151238	.151113	.151179	.151353
107	WT	.298798	.298548	.293488	.293738
108	MR	.975680	.975657	.974407	.980386
109	F SL	87.1721	87.1190	87.0568	87.1817
110	F VAC	88.3896	88.3358	88.2753	88.4030
111	ISP VAC	295.817	295.884	295.741	294.954
112	C STAR	5888.07	5893.95	5901.25	5870.12
113	CF	1.61523	1.61268	1.61127	1.61551
114	XDIFF F	-.026094	.041870	.038524	.022607
115	XDIFF FMO	.449167	.442322	.405352	.416315
116	XDIFF FMF	.097857	.109472	.107463	.114272
117	XDIFF FMO PD %	.680853	.625691	4.96556	.997116
120	XDIFF FMF PD %	.164905	.404544	4.08589	.301207
121	SGO	1.44495	1.44434	1.44492	1.44519
122	SGF	1.00906	1.00905	1.00905	1.00915
123	SGOJ	1.45091	1.45094	1.45099	1.45030
124	SGFRI	1.00906	1.00905	1.00905	1.00915
125	SGFJ	1.00906	1.00905	1.00905	1.00915
126	AVSGF	1.00906	1.00905	1.00905	1.00915
127	AVSGO	1.44793	1.44794	1.44795	1.44775
129	ROVJ	596.231	593.697	597.190	595.362
130	ROJ	4432.40	4422.95	4425.21	4405.11
132	RFRV	-19.298	-19.329	-19.313	-19.272
133	RFVJ	-32.984	-29.853	-34.133	-31.274
134	RFJ	3569.17	3658.85	3667.62	3668.81
136	KOVJ	.040954	.041041	.040921	.040994
137	KOJ	.015020	.015036	.015033	.015067
141	KFJ	.016509	.016510	.016512	.016510
142	WO PD	.148565	.148357	.154595	.149864
143	WF PD	.151497	.151725	.157356	.151809
144	WT PD	.300052	.300032	.311951	.301673
145	MR PD	.980705	.977906	.982455	.987198
146	ISP PD	294.581	294.372	282.979	293.062
147	CSTAR PD	5863.46	5868.79	5646.58	5832.46
149	ROVJ PD	588.195	586.337	542.231	583.664
150	ROJ PD	4372.65	4368.12	4017.96	4318.56
152	RFRV PD	-19.234	-19.174	-17.826	-19.156
153	RFVJ PD	-32.876	-29.613	-31.511	-31.086
154	RFJ PD	3657.09	3639.34	3385.32	3646.81
156	KOVJ PD	.041232	.041298	.042945	.041392
157	KOJ PD	.015123	.015130	.015776	.015217
161	KFJ PD	.016536	.016576	.017187	.014553
162	POVIT	175.892	175.634	175.660	176.343
	PSIA				

TEST NJ. LXD1-D02-0A-113 100 LB ENGINE PERFORMANCE JOB J10-100LB-A
 DATE 10-10-94 2321 HOURS DURATION 14.977 SECONDS
 CONFIG: J IP-RE CC CB SKIRT MTRIP=.25" LTRIP=.75"

J0014
 10-13-94
 11:20:23

RUN DATA-PT	
163 POJT	219.014 219.015 219.016 219.017
164 PFRIT	166.925 166.771 166.710 167.294
165 PFVIT	182.394 182.424 182.390 182.552
166 PFJT	162.832 182.861 182.827 182.989
167 PYROMI	183.580 183.537 183.600 183.699
173 MCOOL TRIP	3597.43 3598.94 3600.73 3461.05
174 DT TRIP	.113866 .113316 .113241 .113671
175 CTW	4.10547 4.19683 4.32545 3.57375
	BTU/SEC .457473 .475570 .489820 .406232

10-13-74
12:07:31

DELMUS

14.272

TRIP=75M

SKIRT

CC

IR-RE

DATE 10-10-74

LAU-0000-0000-0000

TEST NO.

RUN-DATE-PT		220.001 220.002 220.003 220.004 220.005 220.006 220.007 220.008 220.009 220.010 220.011 220.012 220.013																			
0	START TIME	-50000	500000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000	16.0000	17.0000	18.0000
1	STOP TIME	-05000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000	16.0000	17.0000	18.0000	19.0000
2	TIME OF DAY	23.4500	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800	23.4800
4	FMO-1	019114	109620	107587	109693	109440	103242	103085	108067	107825	107677	107571	107588	107484	107840	107910	107910	107910	107910	107910	107910
5	FMO-2	000556	110423	109278	109072	109743	108593	109455	108412	108202	108023	107909	107909	107840	107840	107910	107910	107910	107910	107910	107910
6	FME-1	004164	145179	143777	143099	142660	142450	142508	142461	142460	142514	142514	142514	142514	142514	142514	142514	142514	142514	142514	142514
7	FME-2	002055	145470	143959	143185	142753	142567	142667	142581	142581	142577	142577	142577	142577	142577	142577	142577	142577	142577	142577	142577
9	POTR	162.895	162.745	162.933	163.003	162.803	162.934	162.834	162.976	162.976	162.977	162.977	162.977	162.977	162.977	162.977	162.977	162.977	162.977	162.977	162.977
10	PFR	142.558	142.289	142.531	142.515	142.544	142.470	142.515	142.523	142.523	142.583	142.583	142.583	142.583	142.583	142.583	142.583	142.583	142.583	142.583	142.583
12	PVFI	134.468	188.384	197.166	186.269	185.927	185.726	185.793	185.720	185.580	195.371	185.187	185.296	185.062	185.062	185.062	185.062	185.062	185.062	185.062	185.062
15	PC-1	14.5726	102.012	101.572	101.042	100.663	100.594	100.559	100.560	100.447	100.334	100.372	100.302	100.302	100.302	100.302	100.302	100.302	100.302	100.302	100.302
16	PVFI	185.904	178.276	176.279	175.292	174.591	174.397	174.248	174.077	174.024	173.938	173.938	174.122	174.038	174.038	174.038	174.038	174.038	174.038	174.038	174.038
17	POJ	12.1275	177.421	176.687	176.024	175.870	175.689	175.803	175.716	175.575	175.568	175.337	175.344	175.185	175.185	175.185	175.185	175.185	175.185	175.185	175.185
18	PFJ	14.5943	179.599	177.223	175.999	175.541	175.110	175.111	174.989	174.842	175.037	174.891	174.794	174.767	174.767	174.767	174.767	174.767	174.767	174.767	174.767
19	FCAL-A	-00448	025881	-00033	000076	010434	008684	010741	001515	-01158	-02628	-02540	013515	-00111	-00111	-00111	-00111	-00111	-00111	-00111	-00111
20	FCAL-E	-01691	018439	026361	-00791	023614	-00349	021700	003597	-00124	037751	015350	-01906	-00685	-00685	-00685	-00685	-00685	-00685	-00685	-00685
21	FA	002263	85.0808	86.5851	86.9234	87.0324	87.0528	87.1379	87.2227	87.1628	87.2529	87.1543	87.1911	87.1464	87.1464	87.1464	87.1464	87.1464	87.1464	87.1464	87.1464
22	FB	000313	85.0456	86.4760	86.8635	86.9222	86.9840	87.0837	87.1511	87.1094	87.1327	87.0762	87.1765	87.0948	87.0948	87.0948	87.0948	87.0948	87.0948	87.0948	87.0948
27	POL-1	194.652	189.851	188.854	187.831	187.622	187.284	187.388	187.319	187.207	187.183	186.889	186.731	186.610	186.610	186.610	186.610	186.610	186.610	186.610	186.610
30	TJ3-3	55.4180	68.8231	68.1089	67.6534	67.5032	67.4731	67.3814	67.2260	67.2650	67.2777	67.4442	67.9642	68.1274	68.1274	68.1274	68.1274	68.1274	68.1274	68.1274	68.1274
35	TELL	40.0873	45.1681	48.5322	54.9092	61.4303	67.4012	72.9771	78.3076	83.3824	87.8795	92.3974	96.6599	100.563	100.563	100.563	100.563	100.563	100.563	100.563	100.563
38	TC-4	70.3527	727.930	1539.67	2291.38	2584.59	2691.98	2728.00	2852.77	2543.40	2540.94	2546.20	2574.03	2610.47	2610.47	2610.47	2610.47	2610.47	2610.47	2610.47	2610.47
39	TC-5	73.7860	112.563	680.286	1511.58	2140.85	2405.60	2501.85	2492.55	2427.14	2402.44	2293.38	2262.78	2262.78	2262.78	2262.78	2262.78	2262.78	2262.78	2262.78	2262.78
40	TC-6	68.2533	347.241	709.599	1217.19	1686.74	2022.67	2252.90	2427.00	2534.97	2570.74	2599.94	2631.51	2645.90	2645.90	2645.90	2645.90	2645.90	2645.90	2645.90	2645.90
46	TC-1	79.9582	794.667	1434.66	2100.43	2605.49	2967.37	3219.22	3376.96	3477.01	3560.78	3631.14	3666.25	3705.02	3705.02	3705.02	3705.02	3705.02	3705.02	3705.02	3705.02
47	TC-2	72.9984	906.457	1531.87	2303.60	2820.48	3181.35	3393.96	3524.83	3607.78	3662.49	3703.19	3720.55	3735.99	3735.99	3735.99	3735.99	3735.99	3735.99	3735.99	3735.99
50	TOV	67.3292	66.2450	65.0742	63.5828	62.9144	62.4535	62.2255	61.9707	61.6597	61.2592	61.3181	61.2438	61.2438	61.2438	61.2438	61.2438	61.2438	61.2438	61.2438	61.2438
52	WOPDFM	4.99512	1.43256	1.58873	1.58445	1.57566	1.58558	1.57704	1.57139	1.58822	1.56809	1.56328	1.53833	1.57180	1.57180	1.57180	1.57180	1.57180	1.57180	1.57180	1.57180
53	WOPDFM	4.99512	1.33929	1.46178	1.44802	1.42750	1.43079	1.44079	1.42922	1.44302	1.44699	1.42967	1.43180	1.43180	1.43180	1.43180	1.43180	1.43180	1.43180	1.43180	1.43180
54	POTS	58.2375	58.1827	58.2366	58.0770	58.3754	58.2509	58.3079	58.2844	58.2091	58.4216	58.2788	58.1933	58.2539	58.2539	58.2539	58.2539	58.2539	58.2539	58.2539	58.2539
55	PFL	187.821	183.454	181.770	180.523	179.981	179.625	179.530	179.385	179.382	179.459	179.381	179.185	179.248	179.248	179.248	179.248	179.248	179.248	179.248	179.248
56	VICV	031802	30.0546	30.1164	30.1791	30.2199	30.2592	30.2865	30.3121	30.3339	30.3486	30.3463	30.3807	30.3922	30.3922	30.3922	30.3922	30.3922	30.3922	30.3922	30.3922
57	TVFI	73.9993	72.6742	58.7910	64.7365	55.2054	66.2207	66.9730	67.3391	67.6684	68.0436	68.0991	68.0340	68.1690	68.1690	68.1690	68.1690	68.1690	68.1690	68.1690	68.1690
58	WOPDFM	000281	092754	175980	284065	393114	501387	609860	718522	826783	934856	104352	115032	125842	125842	125842	125842	125842	125842	125842	125842
59	WOPDFM	-000001	121906	231849	374727	517553	659375	801188	943919	108609	122766	137192	151388	165622	165622	165622	165622	165622	165622	165622	165622
68	TJB-1	63.0293	55.8641	65.1249	64.6603	64.5484	64.3399	64.3902	64.4262	64.5523	64.8374	64.9153	64.9579	65.2728	65.2728	65.2728	65.2728	65.2728	65.2728	65.2728	65.2728
69	TJB-2	66.2232	74.4087	75.2920	74.0587	72.7081	72.1079	71.5431	71.3822	71.1410	70.8428	70.8732	70.8710	70.9250	70.9250	70.9250	70.9250	70.9250	70.9250	70.9250	70.9250
73	FMTW-1	109054	109969	110011	109384	109665	109619	109654	109538	109278	109305	109311	109369	109479	109479	109479	109479	109479	109479	109479	109479
74	FMTW-2	000302	007369	010856	005468	009159	006226	006098	008297	001419	008521	008334	004500	000598	000598	000598	000598	000598	000598	000598	000598
75	PHU	58.6416	58.6730	58.6489	53.6261	58.7101	58.6992	58.7356	59.7294	58.7199	58.7840	58.7572	58.7754	58.8044	58.8044	58.8044	58.8044	58.8044	58.8044	58.8044	58.8044
77	TOFM	61.0037	60.4529	59.3122	59.3652	60.0081	60.4704	60.6103	60.7717	60.8902	60.9609	61.0981	61.1010	61.1378							

TEST NO. LXD1-002-0A-120 DATE 10-10-94 2348 HOURS DURATION 14.992 SECONDS
CONFIG: J IR-RE CC CB SKIRT HTRIP=.25" LTRIP=.75"

RUN DATA-PT		220.001 220.002 220.003 220.004 220.005 220.006 220.007 220.008 220.009 220.010 220.011 220.012 220.013															
9H TTF8-3	DEG F	72.0850	73.3415	73.3052	74.4024	81.3531	86.0540	94.6042	105.068	117.104	130.522	144.962	160.421	177.037			
99 MIDPT																	
100 AT	SQ.IN.	.544380	.544380	.544380	.544380	.544380	.544380	.544380	.544380	.544380	.544380	.544380	.544380	.544380			
101 AE	SQ.IN.	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380	9.95380			
102 PA	PSIA	.046964	.184627	.137472	.129308	.127550	.127095	.126711	.126389	.125883	.125692	.125377	.125292	.125734			
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000			
104 F ZERO	LBS	.001288	.001288	.001288	.001288	.001288	.001288	.001288	.001288	.001288	.001288	.001288	.001288	.001288			
105 WD	LB/SEC-P	.159713	.159597	.157623	.157163	.156864	.156547	.156594	.156256	.156021	.155847	.155838	.155715	.155715			
106 WF	LB/SEC-P	.147005	.145399	.144577	.144113	.143913	.143973	.143901	.143889	.143900	.143900	.143915	.143802	.143802			
107 WT	LB/SEC-P	.306724	.303995	.302200	.301281	.300782	.300420	.300495	.300144	.299921	.299921	.299870	.299753	.299517			
108 MR		1.08648	1.09077	1.09023	1.09051	1.08995	1.08903	1.08821	1.08821	1.08821	1.08821	1.08821	1.08821	1.08821			
109 F SL	LBS	85.0619	96.5232	86.8921	86.9760	87.0171	87.1095	87.1856	87.1348	87.1915	87.1140	87.1825	87.1193	87.1193			
110 F VAC	LBS	86.8997	87.8976	88.1693	88.2456	88.2822	88.3708	88.4437	88.4826	88.4826	88.4826	88.4826	88.4826	88.4826			
111 ISP VAC	SECS	283.316	299.141	291.758	292.901	293.503	293.962	294.327	294.485	294.887	294.730	295.008	295.044	295.044			
112 C STAR	FT/SEC	5827.56	5854.48	5828.55	5854.72	5860.05	5861.20	5863.69	5863.94	5867.19	5863.92	5867.19	5867.19	5867.19			
113 CF		1.56303	1.58790	1.60116	1.60848	1.61035	1.61252	1.61384	1.61464	1.61594	1.61599	1.61661	1.61661	1.61661			
114 XDIFF F	PERCENT	-.04134	-.12597	-.06891	-.07910	-.06210	-.08213	-.08213	-.08213	-.08213	-.08213	-.08213	-.08213	-.08213			
115 XDIFF FMO	PERCENT	.732647	-.28138	.349063	.283808	.314413	.341822	.319737	.349986	.076661	.072198	.109442	.092141	.070637			
116 XDIFF FMF	PERCENT	.201381	.126234	.060063	.068604	.111716	.084568	.076661	.076661	.076661	.076661	.076661	.076661	.076661			
119 XDIFF FMO PO %		-10.307	1741.95	521805	256566	1.07934	675041	348097	1.64268	505445	308853	-93346	940529	940529			
120 XDIFF FMF PC %		-8.8947	536252	135405	-95010	.404724	.073827	-.68003	.287111	-.61165	.513177	-.65867	-.43277	-.43277			
121 SGJ		1.45170	1.44927	1.44764	1.44725	1.44692	1.44682	1.44674	1.44663	1.44664	1.44664	1.44664	1.44664	1.44664			
122 SGF		1.01157	1.01064	1.01002	1.00988	1.00975	1.00971	1.00968	1.00968	1.00968	1.00968	1.00968	1.00968	1.00968			
123 SGJ		1.44579	1.44732	1.44926	1.45013	1.45072	1.45102	1.45135	1.45175	1.45175	1.45226	1.45219	1.45228	1.45228			
124 SGFI		1.01157	1.01064	1.01002	1.00988	1.00975	1.00971	1.00968	1.00968	1.00968	1.00968	1.00968	1.00968	1.00968			
125 SGFI		1.01157	1.01064	1.01002	1.00988	1.00975	1.00971	1.00968	1.00968	1.00968	1.00968	1.00968	1.00968	1.00968			
126 AVSGF		1.01157	1.01064	1.01002	1.00988	1.00975	1.00971	1.00968	1.00968	1.00968	1.00968	1.00968	1.00968	1.00968			
127 AVSGO		1.44875	1.44829	1.44845	1.44869	1.44892	1.44892	1.44904	1.44913	1.44913	1.44913	1.44913	1.44913	1.44913			
129 ROVJ		606.456	587.400	581.527	574.194	575.517	574.390	575.580	578.363	568.211	572.445	578.559	575.035	575.035			
130 ROVJ		4327.88	4376.59	4428.49	4469.76	4482.28	4504.27	4503.16	4522.11	4536.29	4539.81	4538.23	4540.31	4540.31			
132 RFRV		-20.527	-20.945	-21.157	-21.287	-21.340	-21.322	-21.363	-21.345	-21.341	-21.321	-21.331	-21.365	-21.365			
133 RFVJ		-38.930	-68.977	-57.665	-69.614	-58.134	-65.446	-67.860	-63.283	-90.910	-69.806	-56.143	-58.981	-58.981			
134 RFJ		3631.57	3663.60	3668.88	3687.33	3679.73	3678.58	3676.11	3674.94	3684.83	3679.04	3674.46	3682.33	3682.33			
136 KOVJ		.040507	.041260	.041468	.041732	.041684	.041725	.041682	.041581	.041951	.041796	.041574	.041702	.041702			
137 KOJ		.015201	.015116	.015027	.014957	.014937	.014900	.014902	.014871	.014847	.014842	.014844	.014841	.014841			
141 KFJ		.016594	.016521	.016509	.016485	.016485	.016488	.016493	.016496	.016474	.016487	.016497	.016479	.016479			
142 WO PD	LB/SEC	1.43256	1.58873	1.58445	1.57566	1.58558	1.57704	1.57139	1.58822	1.56809	1.56328	1.54383	1.57180	1.57180			
143 WF PD	LB/SEC	1.13329	1.46178	1.44902	1.42750	1.44501	1.44079	1.42922	1.44302	1.43020	1.44699	1.42967	1.43180	1.43180			
144 WT PD	LB/SEC	.277185	.305951	.303247	.300315	.303053	.301783	.300062	.303124	.299829	.301027	.297351	.300360	.300360			
145 MR PD		1.06964	1.08684	1.09422	1.10373	1.09729	1.09457	1.09347	1.10063	1.09642	1.08037	1.07985	1.09778	1.09778			
146 ISP PD	SECS	313.507	248.140	290.751	293.843	291.304	292.828	294.752	291.590	294.977	293.535	297.392	294.217	294.217			
147 CSTAR PD	FT/SEC	6448.58	5834.21	5938.32	5873.55	5816.03	5838.50	5672.17	5806.29	5868.98	5840.15	5914.60	5851.26	5851.26			
149 ROVJ PD		753.852	585.353	575.505	571.259	563.285	566.713	571.594	559.820	562.510	568.926	589.513	564.369	564.369			
150 ROJ PC		5279.76	4361.33	4281.63	4446.01	4387.01	4444.07	4471.97	4377.13	4490.78	4511.89	4624.15	4456.10	4456.10			
152 RFRV PD		-24.731	-20.722	-21.092	-21.697	-21.149	-21.291	-21.636	-21.223	-21.605	-21.104	-21.615	-21.552	-21.552			
153 RFVJ PC		-44.903	-69.243	-57.487	-70.955	-57.666	-65.349	-68.793	-62.921	-81.909	-69.095	-56.890	-59.495	-59.495			
154 RFJ PD		4375.29	3624.62	3657.50	3758.41	3650.13	3673.16	3726.62	3653.93	3730.32	3641.57	3723.34	3714.41	3714.41			
156 KOVJ PD		.036421	.041332	.041685	.041839	.042134	.042007	.041827	.042265	.042163	.041925	.04186	.042094	.042094			
157 KOJ PD		.013634	.015142	.015105	.014936	.015098	.015001	.014954	.015115	.014922	.014887	.014706	.014920	.014920			
161 KFJ PD	PSIA	.015118	.016610	.016535	.016312	.016552	.016500	.016381	.016543	.016373	.016571	.015389	.016409	.016409			
162 POVIT		149.054	157.834	136.935	156.593	186.354	136.459	166.385	186.245	196.036	185.952	185.961	185.727	185.727			

40-12-27
12:07:31

CONFIG: J IR-RE CC C3 SKIRT HTRIP=.25M LTRIP=.75M

RUN DATA-PT		220.001	220.002	220.003	220.004	220.005	220.006	220.007	220.008	220.009	220.010	220.011	220.012	220.013
163 POJT	PSIA	178.375	177.623	176.950	176.803	176.620	176.444	174.293	174.124	174.071	173.904	173.985	174.169	174.094
164 PPIIT	PSIA	173.325	176.227	175.339	174.637	174.444	174.293	174.124	174.071	173.904	173.985	174.169	174.094	174.094
165 PFVIT	PSIA	176.753	176.755	175.776	175.073	174.882	174.732	174.562	174.508	174.342	174.422	174.606	174.522	174.522
166 PFJT	PSIA	173.595	178.208	176.970	176.507	176.074	176.076	175.953	175.806	175.001	175.855	175.758	175.730	175.730
167 PYROHI	VOLTS	2561.79	2590.33	2449.27	3285.78	3467.04	3598.11	3653.74	3687.97	3708.68	3723.97	3737.95	3748.09	3748.09
173 WCGOL TRIP	LE/SEC	.10963	.110011	.109384	.109655	.109819	.109654	.109538	.109278	.109305	.109311	.109669	.109479	.109479
174 OT TRIP	DIG F	1.00363	1.83994	2.48239	2.95609	3.11515	3.35945	3.44933	3.61935	3.76003	3.83663	3.99674	4.09034	4.09034
175 QTM	BTU/SEC	.110368	.202413	.271524	.313212	.341461	.363265	.377831	.395514	.410931	.419386	.438320	.447807	.447807

RUN DATA-PT

0	START TIME	220.014	220.015	220.016	220.017
1	STOP TIME	12.0000	13.0000	14.0000	2.00000
2	TIME OF DAY	13.0000	14.0000	14.7920	14.7920
4	FMU-1	23.4900	23.4200	23.4900	23.4800
5	FMU-2	.107345	.107353	.107402	.107824
6	FMF-1	.107661	.107675	.107731	.108165
7	FMF-2	.142599	.142630	.142709	.142577
9	PUR	.142726	.142760	.142814	.142692
10	PFR	.162.985	.163.017	.162.927	.162.926
12	POVI	.142.368	.142.493	.142.490	.142.513
15	PC-1	.184.773	.184.725	.184.500	.195.370
16	PFI	.100.254	.100.263	.100.165	.100.457
17	POJ	.174.080	.174.061	.174.090	.174.214
19	PFJ	.175.022	.174.880	.174.716	.175.433
19	FCAL-A	.174.875	.174.897	.174.961	.175.060
20	FCAL-B	.004135	-.01770	-.01802	-.00399
21	FA	-.01303	-.01700	-.00821	.002121
22	FB	.87.1397	.87.1300	.87.0578	.87.1229
27	POL-1	.87.0888	.87.0690	.86.9867	.87.0563
30	TJB-3	.186.247	.186.291	.186.086	.186.966
35	TCCELL	.58.4907	.63.6295	.63.7289	.67.7921
38	TC-4	.104.437	.108.587	.112.535	.86.5750
39	TC-5	.2652.01	.2699.56	.2731.85	.2597.75
40	TC-6	.2240.77	.2181.82	.2158.02	.2267.56
46	TC-1	.2643.70	.2646.76	.2636.06	.2350.92
47	TC-2	.3739.00	.3771.79	.3801.82	.3359.86
50	TOV	.3752.93	.3775.34	.3783.61	.3463.44
52	WOPOFM	.61.2833	.61.2147	.61.2572	.61.8418
53	WPDPM	.155558	.157801	.156193	.157959
54	POTS	.143620	.144952	.150248	.144364
55	PFL	.58.3150	.58.2219	.58.2553	.58.2645
56	VTCV	.179.328	.179.383	.179.424	.179.523
57	TFVI	.30.4019	.30.1131	.30.4206	.30.2329
58	WOPOFM	.63.2170	.68.3623	.68.4287	.67.3637
59	WPDPM	.1.36523	.1.47342	.1.58020	.94.1159
63	TJB-2	.1.79791	.1.94077	.2.07984	.1.23820
73	FMTW-1	.65.4750	.65.8671	.65.2119	.64.9707
74	FMTW-2	.71.1051	.71.3895	.71.5802	.71.5760
75	PHU	.109530	.109831	.109839	.109550
77	TOFM	.007463	.007551	.010039	.006437
78	TFM	.58.9244	.58.8191	.53.8502	.58.7585
79	TFB-1	.61.1438	.61.1975	.61.2141	.60.7731
82	TWI	.65.8517	.65.9985	.65.9153	.65.6294
83	TWO	.226.936	.248.836	.270.490	.157.305
90	MR TURB FM	.65.6608	.63.6335	.56.7296	.59.3797
91	MR TURB FM	.72.8284	.72.9837	.73.1511	.72.0405
92	MR TURB FM	.156147	.156159	.156232	.156914
94	PVAC-1	.144026	.144055	.144119	.144011
95	PVAC-2	.1.08417	.1.08403	.1.08405	.1.08953
97	TFB-2	.137772	.137890	.138319	.139228
		.113756	.113659	.113960	.114334
		.155.583	.180.303	.195.177	.123.282

RUN-DATE-PT		220.014	220.015	220.016	220.017
98	IFB-3	194.103	211.643	229.053	139.925
99	MIDPT	12.5000	13.5000	14.3960	8.39600
100	AT	.544780	.544960	.544960	.544960
101	AE	9.95380	9.95380	9.95380	9.95380
102	PA	.125764	.125774	.126139	.126281
103	NU CONTENT	1.60000	1.60000	1.60000	1.60000
104	F ZERO	.001288	.001288	.001288	.001288
105	W0	.155490	.155500	.155573	.155232
106	WF	.144025	.144054	.144119	.144012
107	WT	.299514	.299553	.299692	.300244
108	MR	1.07361	1.07946	1.07948	1.08486
109	F SL	37.1120	87.0977	97.0210	87.0983
110	F VAC	98.3648	88.3496	93.2765	83.3453
111	ISP VAC	295.027	294.939	294.557	294.245
112	C STAR	5855.00	5964.75	5856.30	5862.56
113	CF	1.61732	1.61690	1.61714	1.61370
114	XDIFF F	-.05834	-.07124	-.08169	-.07644
115	XDIFF FMO	.294052	.300610	.305534	.317091
116	XDIFF FMF	.089031	.091039	.074094	.081040
117	XDIFF FMO PD %	.044016	1.47981	6.32955	1.10528
120	XDIFF FMF PD %	-.28117	.623713	4.25250	.244256
121	SGJ	1.44637	1.44631	1.44629	1.44667
122	SGF	1.00955	1.00952	1.00952	1.00966
123	SGOJ	1.45223	1.45232	1.45226	1.45151
124	SGFRI	1.00955	1.00952	1.00952	1.00966
125	SGFJ	1.00955	1.00952	1.00952	1.00966
126	AVSGF	1.00955	1.00952	1.00952	1.00966
127	AVSGJ	1.44930	1.44931	1.44927	1.44909
129	ROVJ	569.232	574.811	570.615	574.497
130	ROJ	4546.29	4536.90	4528.48	4513.64
132	RFRV	-21.300	-21.290	-21.271	-21.309
133	RFVJ	-52.107	-64.128	-65.719	-54.597
134	KFJ	3678.72	3677.81	3592.31	3578.50
136	KOVJ	.641914	.641710	.641963	.641721
137	KUJ	.014831	.014846	.014860	.014885
141	KFJ	.016487	.016489	.016479	.016487
142	MC PD	.155558	.157801	.156198	.157959
143	WF PD	.142620	.144952	.150248	.144364
144	WT PD	.299178	.302753	.315446	.302123
145	MR PD	1.08312	1.08654	1.10515	1.09418
146	ISP PD	295.359	291.921	273.962	292.222
147	CSTAR PD	5871.60	5802.77	5546.25	5832.26
149	ROVJ PD	558.731	558.163	499.563	562.005
150	KQJ PU	4542.29	4405.55	3967.92	4415.49
152	RFRV PD	-21.420	-21.027	-19.571	-21.205
153	RFVJ PU	-62.453	-63.335	-60.467	-64.273
154	RFJ PD	3695.49	3532.35	3388.03	3660.99
156	KOVJ PD	.041922	.042327	.044722	.042192
157	KUJ PD	.014638	.015066	.015875	.015049
161	KFJ PD	.016441	.016592	.017140	.016527
162	POVIT	193.434	185.390	153.165	186.035
	PSIA				

FILE HMIPC

TEST NO. LX01-D02-0A-120 100 LB ENGINE PERFORMANCE JOB J10-100LE-A
DATE 10-10-94 2348 HOURS DURATION 14.992 SECONDS
CONFIG: J R2-PE CC C4 SKIRT MTRIP=.25" LTRIP=.75"

J0014
10-13-94
12:07:31

RUN.DATA-PT

163 POJT	220.014	220.015	220.016	220.017
164 PFRIT	175.942	175.830	175.636	176.258
165 PFVIT	174.127	174.107	174.137	174.241
166 PFJT	174.565	174.545	174.575	174.599
167 PYRCHI	175.341	175.263	175.927	176.025
173 WCOUL TRIP	3756.42	3765.46	3771.35	3601.43
174 UT TRIP	.109520	.109831	.109839	.109550
175 CTW	4.17759	4.30011	4.42149	3.56040
	.467572	.472243	.495653	.401041

100 LB ENGINE PERFORMANCE JOB J1J_100LB_A
TEST NO. LX01-D02-0A-122 DATE 10-11-94 2039 HOURS DURATION 14.956 SECONDS
CONFIG: H CHAMBER P/N 1208171-3 MTRIP=.25" LTRIP=.75"

RUN DATA-PT

	222.001	222.002	222.003	222.004	222.005	222.006	222.007	222.008	222.009	222.010	222.011	222.012	222.013
95 PVAC-2	PSIA-AP	.544453	.547065	.548341	.549310	.548810	.551116	.555047	.554855	.552925	.552364	.552838	.553890
97 TTFB-2	DEG F	67.7138	73.1118	77.7425	86.2246	93.7265	115.845	138.092	164.550	194.242	226.450	259.915	294.209
98 TTFB-3	DEG F	59.4711	72.4560	77.2993	83.1000	92.4543	103.672	117.122	132.266	149.714	168.291	187.994	208.329
99 MIOPT		.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000
100 AT	SQ.IN.	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780
101 AE	SQ.IN.	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210
102 PA	PSIA	.555839	.553644	.560849	.561814	.561459	.564217	.568517	.568050	.566260	.565823	.566087	.567470
103 NO CONTENT	PERCENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	.035285	.035285	.035285	.035285	.035285	.035285	.035285	.035285	.035285	.035285	.035285	.035285
105 W0	LB/SEC-P	.133323	.133136	.130749	.130629	.130580	.130413	.129817	.130166	.130876	.131011	.131051	.130946
106 WF	LB/SEC-P	.172903	.172749	.173007	.172857	.172824	.172704	.172635	.172710	.172873	.172868	.172767	.173022
107 WT	LB/SEC-P	.306232	.303945	.303956	.303485	.303403	.303117	.302452	.302876	.303749	.303880	.303818	.303968
108 MR	LBS	.771059	.759461	.755747	.755706	.755565	.755124	.751975	.753672	.757065	.757865	.758543	.756818
109 F SL	LBS	71.1026	71.3575	71.3036	71.2952	71.3291	71.3458	71.3567	71.2153	71.1941	71.2141	71.1917	71.1639
110 F VAC	LBS	232.186	234.771	234.921	235.097	235.373	235.927	235.130	234.385	234.350	234.324	234.116	
111 ISP VAC	SECS	5648.29	5695.55	5693.09	5694.15	5692.95	5695.13	5703.80	5692.48	5673.12	5668.74	5666.65	5659.85
112 C STAR	FT/SEC	1.32166	1.32529	1.32568	1.32646	1.32773	1.32879	1.32989	1.32803	1.32834	1.32917	1.32951	1.32993
113 CF		.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
114 XDIFF F	PERCENT	.349416	.455693	.374400	.399674	.409196	.414056	.332495	.318277	.370132	.388020	.351346	.398967
115 XDIFF FME	PERCENT	.102933	.214658	.171548	.151727	.142498	.117326	.168394	.156700	.135048	.094179	.074570	.113141
119 XDIFF FMO PD %		-6.5018	-264367	.645159	.937643	1.05378	1.10989	.389663	1.10913	-.55470	-.20859	.981491	-.085555
120 XDIFF FME PD %		-9.8301	204347	.644222	-.30853	-.03212	-.18634	.348976	-.36901	-.23497	-.38347	.329122	-.453196
121 SGO		1.45006	1.44832	1.44748	1.44716	1.44696	1.44694	1.44697	1.44691	1.44688	1.44673	1.44662	1.44671
122 SGF		1.01049	1.00981	1.00949	1.00937	1.00930	1.00929	1.00930	1.00928	1.00926	1.00921	1.00917	1.00920
123 SGOJ		1.44515	1.44571	1.44527	1.44423	1.44303	1.44186	1.44083	1.43957	1.43843	1.43722	1.43635	1.43538
124 SGFRI		1.01049	1.00981	1.00949	1.00937	1.00930	1.00929	1.00930	1.00928	1.00926	1.00921	1.00917	1.00920
125 SGFJ		1.01049	1.00981	1.00949	1.00937	1.00930	1.00929	1.00930	1.00928	1.00926	1.00921	1.00917	1.00920
126 AVSFG		1.44761	1.44701	1.44637	1.44569	1.44500	1.44440	1.44390	1.44324	1.44265	1.44197	1.44149	1.44104
127 AVSGO		-80.655	-91.569	-98.213	-77.933	-62.561	-37.995	-40.711	-1.9964	31.9032	60.4605	100.582	146.297
129 ROVJ		4060.45	4160.73	4209.17	4211.50	4209.81	4208.44	4259.61	4213.67	4137.70	4102.40	4069.96	4046.40
130 ROJ		-14.305	-14.815	-14.760	-14.781	-14.786	-14.806	-14.818	-14.805	-14.775	-14.775	-14.792	-14.749
132 RFRV		-64.812	-79.827	-66.997	-69.953	-65.482	-62.443	-49.941	-48.315	-42.600	-40.093	-25.979	-19.312
133 RFVJ		3744.27	3776.12	3783.02	3789.22	3787.79	3790.68	3789.25	3790.86	3782.80	3780.17	3779.04	3775.46
134 RFJ		.015693	.015503	.015416	.015409	.015412	.015415	.015322	.015405	.015546	.015613	.015675	.015720
136 KOVJ		.016342	.016273	.016259	.016245	.016248	.016242	.016245	.016242	.016259	.016265	.016267	.016275
141 KFJ		.124555	.131543	.131593	.131854	.131956	.131861	.130323	.131610	.130150	.130738	.132337	.130834
142 WF PD	LB/SEC	.155912	.173102	.174121	.172323	.172768	.172382	.173237	.172072	.172467	.172206	.173335	.173006
143 WF PD	LB/SEC	.280566	.304645	.305714	.304177	.304724	.304243	.303560	.303683	.302617	.302943	.305672	.304640
144 WT PD		.799519	.759916	.755754	.765153	.763773	.764931	.752280	.764853	.754639	.759196	.763475	.752759
145 MR PD		253.425	234.231	233.236	234.387	234.078	234.503	235.066	234.506	235.262	235.074	232.902	233.600
146 ISP PD	SECS	6164.79	5682.47	5656.63	5681.21	5668.28	5674.06	5682.98	5677.36	5694.35	5686.26	5647.36	
147 CSTAR PD	FT/SEC	-92.263	-91.087	-96.958	-76.492	-61.263	-37.166	-40.396	-1.9529	32.2601	60.7136	98.6360	146.548
149 ROVJ PC		4644.81	4138.82	4155.39	4133.62	4122.47	4116.56	4226.60	4121.73	4183.99	4149.57	3991.23	4053.33
150 ROJ PD		-18.209	-14.754	-14.571	-14.873	-14.795	-14.862	-14.715	-14.915	-14.845	-14.889	-14.695	-14.616
152 RFRV PD		-79.713	-79.502	-66.142	-70.386	-65.524	-62.677	-49.594	-48.673	-42.801	-40.402	-25.808	-19.139
153 RFVJ PU		4605.15	3760.73	3724.74	3812.71	3790.23	3904.85	3762.94	3813.00	3800.64	3809.33	3754.28	3741.48
154 RFJ PD		.014673	.015544	.015513	.015554	.015575	.015596	.015382	.015576	.015460	.015580	.015829	.015707
156 KOVJ PD													
157 KOJ PD													

CONFID: P CHAMBER P/N 1208171-3 MTRIP=.25" LTRIP=.75"

RUN-DATE-PT		222.001	222.002	222.003	222.004	222.005	222.006	222.007	222.008	222.009	222.010	222.011	222.012	222.013
161 KFJ PD		.014736	.016307	.016263	.016195	.016195	.016243	.016212	.016302	.016182	.016221	.016202	.016321	.016349
162 POVIT	PSIA	557.536	557.435	557.101	556.955	556.976	556.976	556.779	556.590	556.517	556.328	556.217	556.077	555.936
163 POJT	PSIA	558.525	558.547	558.261	557.875	557.614	557.227	557.227	557.065	556.540	555.949	555.497	554.878	554.135
164 PFRIT	PSIA	517.010	517.806	518.215	517.775	517.597	517.326	517.326	517.221	517.117	516.990	516.814	516.782	516.541
165 PFVIT	PSIA	517.448	518.244	518.652	518.212	518.024	517.763	517.658	517.555	517.428	517.252	517.219	517.279	
166 PFJT	PSIA	619.366	620.603	620.639	620.243	619.362	619.608	619.133	618.383	618.689	518.439	517.987	517.852	
173 MCOL TRIP	LB/SEC	.130586	.130641	.130774	.131252	.131412	.131403	.131471	.121621	.121531	.131604	.131696	.132268	
174 CT TRIP	DEL F	2.72333	5.20161	7.33226	9.09176	10.5915	12.0476	13.1369	14.2511	15.0587	16.0549	16.9576	17.4434	
175 QTW	BTU/SEC	.355528	.679543	.958666	1.19331	1.39136	1.58310	1.73500	1.87575	1.98070	2.11288	2.23324	2.30720	

RUN DATA-PT		222.014	222.015	222.016	222.017
0	START TIME	12.0000	13.0000	14.0000	2.00000
1	STOP TIME	12.0000	14.0000	14.7960	14.7960
2	TIME OF DAY	20.3900	20.3900	20.3900	20.3900
4	FMO-1	.030356	.030317	.030523	.030178
5	FMO-2	.030719	.030646	.030958	.030516
6	FMF-1	.171269	.171349	.171222	.171159
7	FMF-2	.171439	.171604	.171448	.171384
8	FMNW-1	.197670	.205803	.229445	.195271
9	POTR	501.190	501.247	501.161	501.159
10	PFR	433.621	433.648	433.614	433.585
12	POVI	555.158	554.931	555.100	555.688
15	PC-1	505.735	505.412	505.262	506.745
16	PFI	616.528	616.492	616.251	617.015
17	POJ	553.064	552.373	552.056	554.582
18	PFJ	616.121	615.824	615.407	617.362
19	FCAL-A	.156582	.164260	.196912	.124527
20	FCAL-B	.484104	.488579	.486006	.382958
21	FA	71.8854	71.7963	71.7920	72.0637
22	F8	72.0404	71.3315	71.9403	72.1606
27	PUL-1	555.066	554.840	554.924	555.533
29	PH2	966.517	966.485	966.499	966.322
30	TJ9-3	112.952	114.532	114.483	102.580
31	TCN-1	705.885	735.243	752.224	519.690
35	TCCL	174.343	177.569	180.263	148.518
50	TOV	77.5932	78.1585	78.8543	74.3191
52	WOPOFM	.132756	.132067	.137147	.131998
53	WFODFM	.173439	.172737	.173750	.173499
54	POTS	52.0332	52.0169	51.9503	51.9912
55	PFL	625.591	625.612	625.453	626.113
56	VTCV	30.3961	30.4054	30.4139	30.3262
57	TFVI	72.8099	72.9584	73.1438	71.7965
58	WOPOFM	1.15284	1.24484	1.33248	.795648
59	WFODFM	2.13782	2.33105	2.49561	1.48256
68	TJ2-1	92.1021	94.0555	94.8322	86.6865
69	TJ8-2	106.979	109.382	110.104	99.8507
73	FMTW-1	.132542	.132526	.132724	.131766
74	FMTW-2	.134431	.134536	.135009	.134539
75	PHU	14.8421	14.8410	14.8068	14.8265
76	PVME	1403.32	1402.86	1401.96	1407.75
77	TOFM	66.4441	66.4975	66.6195	65.0294
78	TFPM	68.0801	68.1214	68.1798	67.9732
79	TFTR-1	237.436	238.413	278.659	168.524
80	TNW1	79.6422	80.0444	80.3519	77.7877
81	TNW0	198.706	203.849	209.482	171.418
82	TTWI	72.4243	72.6755	72.9101	71.5110
83	TTW0	30.3703	31.0211	31.5951	85.9478
90	WD TURB FM	.131167	.131081	.131375	.130941
91	WF TURB FM	.172934	.173054	.172904	.172860
92	MR TURB FM	.758485	.757462	.759814	.757497
93	FAOJ	70.9629	70.8629	70.3662	71.1122
94	PVAC-1	.582061	.581266	.532751	.579102

RUN, DATA-PT		222.014	222.015	222.016	222.017
95 PVAC-2	PSIA-AP	.554070	.553669	.555007	.552514
97 TTFB-2	DEG F	327.674	360.037	390.114	212.182
98 TTFB-3	DEG F	249.532	270.295	239.858	176.739
99 MIDPT		12.5000	13.5000	14.3980	8.39800
100 AT	SQ.IN.	.105780	.105780	.105780	.105780
101 AE	SQ.IN.	.177210	.177210	.177210	.177210
102 PA	PSIA	.568065	.567457	.568899	.565808
103 NO CONTENT	PERCENT	1.50000	1.60000	1.60000	1.60000
104 F ZERO	LBS	.035285	.035285	.035285	.035285
105 WD	LBS/SEC-P	.130983	.130897	.131193	.130720
106 WF	LBS/SEC-P	.172932	.173052	.172904	.172858
107 WT	LBS/SEC-P	.303915	.303943	.304097	.303578
108 MR		.757424	.756400	.758760	.756231
109 F SL	LBS	70.9276	70.8286	70.8303	71.0769
110 F VAC	LBS	71.0283	70.9292	70.9317	71.1771
111 ISP VAL	SECS	233.711	233.353	233.253	234.461
112 C STAR	FT/SEC	5659.47	5655.22	5650.79	5677.06
113 CF		1.32772	1.32671	1.32715	1.32785
114 XDIFF F	PERCENT	.000000	.000000	.000000	.000000
115 XDIFF FMO	PERCENT	.402257	.363539	.369849	.374221
116 XDIFF FMF	PERCENT	.093342	.149004	.132083	.131104
119 XDIFF FMO PL %		1.35411	.895287	4.53820	.977715
120 XDIFF FMF PL %		.321957	.18231	3.95918	.370706
121 SGU		1.44673	1.44667	1.44660	1.44687
122 SGF		1.00321	1.00919	1.00915	1.00926
123 SGJJ		1.43430	1.43355	1.43263	1.43861
124 SGFRI		1.00921	1.00919	1.00916	1.00926
125 SGFJ		1.00921	1.00919	1.00916	1.00926
126 AVSGF		1.00921	1.00919	1.00916	1.00926
127 AVSGO		1.44051	1.44011	1.43961	1.44274
129 ROVJ		169.213	207.355	246.802	52.0581
130 ROJ		4019.05	3991.43	3957.17	4123.61
132 RFRV		-14.764	-14.743	-14.768	-14.780
133 RFRVJ		-12.962	-4.1671	3.16460	-38.406
134 RFJ		3768.88	3764.48	3761.74	3780.08
136 KOVJ		.077103	.069445	.063654	.138598
137 KOJ		.015774	.015928	.015897	.015573
140 KVVJ				.562135	
141 KFJ		.016289	.016293	.014304	.014265
142 WD PD	LBS/SEC	.132756	.132069	.137147	.131998
143 WF PD	LBS/SEC	.173489	.172737	.179750	.173499
144 WT PD	LBS/SEC	.306245	.304805	.316896	.305497
145 MR PC		.765216	.764566	.762986	.760804
146 ISP PU	SECS	231.933	232.703	223.832	232.988
147 CSTAR PD	FT/SEC	5616.41	5639.33	5422.55	5641.40
149 ROVJ PU		163.749	203.691	225.833	51.0549
150 ROJ PD		3912.37	3920.91	3621.05	4044.15
152 RFRV PU		-14.670	-14.797	-13.665	-14.671
153 RFRV PD		-12.879	-4.1824	2.92815	-38.123
154 RFJ PD		3744.73	3774.44	3440.67	3752.21
156 KOVJ PU		.078147	.070067	.066543	.139553

TEST NO. LX01-D02-CA-122 100 LB ENGINE PERFORMANCE JOB J10-100L9-A
 DATE 10-11-94 2039 HOURS DURATION 14.936 SECONDS
 CONFIG: M CHAMBER P/N 1208171-3 MTRIP=.25" LTRIP=.75"

J0014
 10-13-94
 16:03:39

RUN DATA-PT

TEST NO.	222.014	222.015	222.016	222.017
157 KIJ PO	.015987	.015970	.016518	.015725
160 KVVJ PD			.586391	
161 KFJ PD	.016341	.015263	.016350	.016325
162 POVIT	555.813	555.585	555.754	556.342
163 POJT	553.809	553.118	552.803	555.725
164 PFRIT	616.595	616.560	616.358	617.082
165 PFVIT	617.033	616.997	616.795	617.519
166 PFJT	617.417	617.121	616.702	619.656
173 WCOUL TRIP	.132542	.132526	.132724	.131765
174 JT TRIP	17.9455	18.3456	18.6850	14.4368
175 OTW	2.37854	2.43127	2.47594	1.90228

PSIA
 PSIA
 PSIA
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 PSIA
 PSIA
 L8/SEC
 DEG F
 STU/SEC

RUN-DATE-PT

HRS-MIN

0	START TIME	223.001	223.002	223.003	223.004	223.005	223.006	223.007	223.008	223.009	223.010	223.011	223.012	223.013
1	STOP TIME	223.001	223.002	223.003	223.004	223.005	223.006	223.007	223.008	223.009	223.010	223.011	223.012	223.013
2	TIME OF DAY	21.2400	21.2400	21.2400	21.2400	21.2400	21.2400	21.2400	21.2400	21.2400	21.2400	21.2400	21.2400	21.2400
3	FMO-1	013107	0105743	0101576	0098817	0097225	0095517	0095479	0095443	0095122	0095094	0094928	0094815	0094829
4	FMO-2	000469	0101980	0097659	0095284	0095902	0095902	0095902	0095852	0095560	0095504	0095351	0095261	0095274
5	FME-1	0004103	0171618	0168114	0165967	0164654	0163357	0163244	0163017	0162838	0162724	0162735	0162921	0162655
6	FME-2	0002050	0171875	0168398	0166137	0164900	0164055	0163460	0163226	0163057	0162973	0162991	0163115	0162953
7	FME-3	0182793	0185367	0186785	0187892	0189093	0189682	0190251	0190118	0190860	0191740	0193278	0196800	0202550
8	FME-4	0182793	0185367	0186785	0187892	0189093	0189682	0190251	0190118	0190860	0191740	0193278	0196800	0202550
9	FME-5	0182793	0185367	0186785	0187892	0189093	0189682	0190251	0190118	0190860	0191740	0193278	0196800	0202550
10	POTR	478.355	478.377	478.333	478.254	478.367	478.378	478.330	478.419	478.391	478.375	478.341	478.349	478.325
11	POVI	479.589	479.515	479.522	479.596	479.645	479.577	479.604	479.649	479.649	479.654	479.654	479.654	479.632
12	POVI	568.481	557.762	557.543	557.390	557.447	557.465	557.261	557.162	556.994	556.872	556.707	556.641	556.559
13	PC-1	14.4681	492.995	496.422	498.899	500.579	501.631	502.036	502.286	502.357	502.141	502.018	501.934	501.767
14	PC-1	607.208	598.868	598.762	598.974	599.099	599.116	599.083	599.061	598.955	598.999	599.006	598.932	598.724
15	PC-1	14.4385	561.613	561.554	561.442	561.509	561.665	561.276	560.893	560.477	560.086	559.487	558.938	558.368
16	PC-1	14.5301	599.914	600.085	600.424	600.630	600.789	600.621	600.493	600.386	600.137	600.029	599.870	599.482
17	PC-1	000279	004308	0063232	0081145	008303	009405	0091773	0095426	0122126	0125525	0123760	0118920	0130416
18	PC-1	006121	0191709	0246386	0309316	036072	0311704	0339240	0405588	0486534	0529343	0564298	056084	053356
19	PC-1	029396	67.3102	68.6280	69.7433	70.5036	70.9770	71.5780	71.9438	72.0340	72.1438	72.1694	72.1746	72.0960
20	PC-1	00545	67.3601	68.6745	69.8294	70.5441	71.0462	71.6724	72.0444	72.2044	72.2620	72.3252	72.3353	72.2681
21	PC-1	567.191	557.902	557.633	557.403	557.457	557.421	557.235	557.030	556.897	556.820	556.687	556.549	556.489
22	PC-1	363.510	963.572	963.468	963.492	963.566	963.492	963.492	963.550	963.654	963.664	963.664	963.664	963.680
23	PC-1	67.9452	82.2307	84.5907	88.8365	90.9876	94.4787	96.0395	95.7270	95.9068	97.3074	98.4628	99.1558	100.743
24	PC-1	73.4417	140.401	198.023	273.723	358.147	414.969	375.732	401.448	410.752	421.545	481.784	429.552	509.726
25	PC-1	39.9604	69.3632	88.2065	108.778	123.843	134.760	144.842	154.759	162.875	169.486	175.227	180.177	184.659
26	PC-1	78.2349	73.8271	72.1191	70.9050	70.0752	69.8384	70.2538	71.2444	72.0221	73.0778	74.6487	75.7298	76.659
27	PC-1	499.512	145461	147996	146679	141753	140398	139088	140661	138583	138124	137813	138370	138005
28	PC-1	000000	161765	163645	168219	166225	166838	164848	164825	164522	164117	164615	164168	164166
29	PC-1	52.6592	52.5986	52.5750	52.5534	52.5250	52.5309	52.5753	52.7141	52.5574	52.5288	52.5658	52.5694	52.5694
30	PC-1	611.726	608.086	607.790	607.968	607.989	608.016	607.972	607.966	607.854	607.854	607.855	607.783	607.578
31	PC-1	019314	30.0601	30.1153	30.1721	30.2145	30.2489	30.2777	30.3005	30.3200	30.3385	30.3540	30.3669	30.3787
32	PC-1	74.9674	70.8258	69.1173	69.1541	70.2852	70.8738	71.4323	71.7950	72.1458	72.3781	72.4591	72.6960	72.9409
33	PC-1	000034	101270	177966	278712	377060	474397	569611	667117	762993	858144	953531	1.04957	1.14463
34	PC-1	65.8271	83.4285	83.0495	84.2124	96.7283	95.7376	95.9320	95.2616	97.5563	98.8671	100.281	102.391	104.191
35	PC-1	68.8760	73.4739	82.2159	85.5351	88.7326	91.2235	94.3314	103.408	110.683	115.926	118.884	121.336	123.593
36	PC-1	123449	123489	123419	123500	124075	124268	124258	124304	124465	124812	124841	124833	124836
37	PC-1	126657	126713	126743	127236	127503	127512	127569	127546	127652	127601	127591	127527	127639
38	PC-1	14.7586	14.8055	14.8032	14.7818	14.9215	14.7898	14.8120	14.7875	14.7851	14.7978	14.8072	14.8127	14.8186
39	PC-1	1404.13	1403.80	1403.46	1402.97	1402.35	1401.63	1400.68	1399.69	1398.65	1397.58	1396.57	1395.59	1394.63
40	PC-1	64.2104	64.3115	64.3410	64.1553	64.6057	64.8186	65.0607	65.2604	65.2357	65.3947	65.4417	65.4864	65.5309
41	PC-1	64.5131	64.9753	66.0128	66.4830	66.6748	66.7178	66.7754	66.9602	66.9622	66.9930	67.0060	67.0531	67.0588
42	PC-1	67.4535	73.2032	78.7532	89.1455	101.365	113.373	128.535	146.489	166.225	186.265	206.856	227.941	250.255
43	PC-1	71.3798	73.8091	74.3938	75.0081	75.2579	75.6935	76.5514	77.0480	77.3466	77.9911	78.4015	78.7595	79.1680
44	PC-1	70.9182	83.8093	103.680	122.882	136.251	147.268	157.018	166.457	175.147	183.024	190.690	197.057	204.510
45	PC-1	63.8742	70.2235	70.8710	71.6582	72.0617	72.5081	73.2021	73.5964	73.7555	73.9843	74.0421	74.1229	74.1441
46	PC-1	70.0093	73.6719	76.0159	78.2508	80.0893	81.6931	83.2719	85.1110	86.6093	87.9428	89.2513	90.3379	91.3544
47	PC-1	249756	153753	147735	143813	141419	138900	138807	138731	138275	138211	137965	137814	137826
48	PC-1	249756	173553	169976	167709	166412	165574	164961	164712	164543	164441	164401	164401	164401
49	PC-1	247377	885718	869138	857509	849809	838896	841453	842265	840365	840527	839003	837266	838448
50	PC-1	078757	67.1530	68.2810	69.1792	69.6739	69.9187	70.2895	70.4157	70.4192	70.5029	70.5473	70.5549	70.4821
51	PC-1	084979	730440	707894	736232	685275	627782	606865	599726	596773	596143	596289	596080	595942

TEST NO. LX01-D02-0A-123 DATE 10-11-94 2124 HOURS DURATION 14.989 SECONDS
 CONFIG: M CHAMBER P/N 1208171-3 MTRIP=.25M LTRIP=.75M

10-13-94
 16:14:59

RUN.DATA-PT		223.001	223.002	223.003	223.004	223.005	223.006	223.007	223.008	223.009	223.010	223.011	223.012	223.013
95 PVAC-2	PSIA-AP	.061236	.707500	.686647	.711211	.665992	.609179	.587264	.579541	.576098	.575378	.575344	.575150	.574969
97 TTFB-2	DEG F	63.1647	921.132	891.402	761.884	666.587	583.579	554.967	551.565	560.923	579.535	599.154	613.600	642.664
98 TTFB-3	DEG F	69.6551	72.5481	76.0652	81.5702	87.8598	97.1579	109.202	124.532	141.360	159.413	178.869	199.350	220.417
99 MIDPT		.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	11.5000	
100 AT	SO.IN.	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780
101 AE	SO.IN.	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210
102 PA	PSIA	.718970	.696371	.723721	.675683	.618580	.597064	.589634	.586436	.585760	.585817	.585615	.585455	
103 NU CONTENT	PERCENT	1.60000	1.60000	1.50000	1.50000	1.50000	1.50000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	LBS	.078757	.078757	.078757	.078757	.078757	.078757	.078757	.078757	.078757	.078757	.078757	.078757	.078757
105 WU	LB/SEC-P	.153666	.147518	.143505	.141150	.138664	.138600	.138516	.138071	.138007	.137774	.137621	.137640	
106 WF	LB/SEC-P	.173587	.169972	.167707	.166404	.165572	.164957	.164710	.164533	.164431	.164444	.164597	.164381	
107 WT	LB/SEC-P	.327253	.317490	.311212	.307554	.304236	.303558	.303226	.302604	.302438	.302218	.302218	.302021	
108 MR	LBS	.885236	.867894	.855687	.848236	.837485	.840220	.840972	.839171	.839300	.837813	.836111	.837325	
109 F SL	LBS	67.2017	68.3316	69.2287	69.7148	69.9496	70.3166	70.4415	70.4444	70.4241	70.4685	70.4762	70.4033	
111 ISP VAC	SECS	205.3551	215.424	222.449	226.675	229.919	231.642	232.307	232.794	233.198	233.515	233.540	233.451	
112 C STAR	FT/SEC	5123.46	5317.72	5452.06	5535.48	5607.62	5624.69	5633.65	5646.02	5646.70	5649.42	5648.48	5650.28	
113 CF		1.28865	1.30127	1.31181	1.31659	1.31825	1.32409	1.32579	1.32566	1.32780	1.32896	1.32932	1.32839	
114 XDIFF F	PERCENT	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	
115 XDIFF FMO	PERCENT	.338960	.397711	.473221	.445594	.443702	.443233	.428409	.460295	.430962	.445712	.469783	.468329	
116 XDIFF FMF	PERCENT	.143860	.168890	.102183	.149379	.120814	.132340	.128228	.134510	.153340	.157092	.119139	.183251	
119 XDIFF FMO PD		-5.3393	.324361	2.21197	.426903	1.63858	.351531	1.54829	.370966	.085289	.028575	.544058	.265501	
120 XDIFF FMF PD		-6.8098	-.19275	.305314	-.10751	.764562	-.06640	.070096	-.000676	-.19089	.103809	-.26069	.108613	
121 SGO		1.45074	1.44941	1.44881	1.44856	1.44850	1.44843	1.44819	1.44819	1.44819	1.44814	1.44813	1.44807	
122 SGF		1.01072	1.01020	1.00997	1.00985	1.00985	1.00982	1.00973	1.00973	1.00973	1.00971	1.00969	1.00968	
123 SG0J		1.43931	1.44154	1.44312	1.44420	1.44451	1.44397	1.44267	1.44166	1.44028	1.43910	1.43821	1.43679	
124 SGFRI		1.01072	1.01020	1.00997	1.00985	1.00985	1.00982	1.00973	1.00973	1.00973	1.00971	1.00969	1.00968	
125 SGFJ		1.01072	1.01020	1.00997	1.00988	1.00986	1.00983	1.00974	1.00973	1.00973	1.00972	1.00971	1.00969	
126 AVSFG		1.01072	1.01020	1.00997	1.00988	1.00985	1.00983	1.00973	1.00973	1.00973	1.00972	1.00971	1.00969	
127 AVSGO		1.44503	1.44548	1.44596	1.44638	1.44651	1.44620	1.44543	1.44492	1.44421	1.44362	1.44314	1.44242	
129 ROVJ		-250.49	-279.66	-297.19	-306.09	-326.37	-312.72	-291.48	-274.26	-253.91	-221.54	-185.19	-147.88	
130 ROJ		4237.33	4371.55	4441.62	4475.72	4570.02	4512.78	4466.61	4455.22	4441.85	4417.00	4388.73	4352.62	
132 RFPV		-14.637	-15.313	-15.721	-15.567	-16.127	-16.247	-16.290	-16.328	-16.348	-16.345	-16.314	-16.355	
133 RFPVJ		-61.786	-72.690	-78.298	-81.909	-87.623	-82.997	-79.203	-79.268	-68.379	-64.082	-60.864	-58.207	
134 RFJ		3629.99	3669.73	3689.89	3693.22	3697.10	3703.05	3699.70	3700.92	3704.17	3704.09	3694.43	3695.78	
137 KOJ		.015361	.015125	.015006	.014948	.014792	.014886	.014963	.014982	.015004	.015047	.015095	.015157	
141 KFJ		.016598	.016510	.016452	.016455	.016446	.016433	.016441	.016438	.016431	.016431	.016452	.016449	
142 WD PD	LB/SEC	.145561	.147596	.146479	.141753	.140926	.139088	.140661	.138583	.138124	.137813	.138370	.138005	
143 WF PD	LB/SEC	.161764	.163645	.158219	.166225	.166825	.164848	.164825	.164522	.164117	.164615	.164168	.164166	
144 WT PD	LB/SEC	.307227	.317641	.314898	.307978	.307774	.303935	.305486	.303105	.302241	.302428	.302538	.304172	
145 MR PD		.892064	.872391	.871952	.852774	.844749	.843734	.853395	.842341	.841622	.837184	.842857	.830527	
146 ISP PD	SECS	218.736	215.122	219.845	226.363	227.276	231.354	230.588	232.409	233.350	233.293	233.293	231.900	
147 CSTAR PD	FT/SEC	5457.42	5315.20	5388.24	5527.86	5543.16	5617.70	5591.97	5636.68	5650.36	5645.50	5642.51	5610.33	
149 ROVJ PD		-279.55	-277.85	-284.47	-303.49	-315.94	-310.53	-282.66	-272.23	-253.47	-221.41	-183.19	-147.09	
150 ROJ PD		4723.49	4343.33	4250.89	4437.75	4423.85	4481.22	4331.45	4422.35	4434.28	4414.47	4361.26	4329.60	
152 RFPV PD		-16.924	-15.372	-15.526	-16.001	-15.894	-16.269	-16.267	-16.330	-16.410	-16.311	-16.400	-16.005	
153 RFPVJ PD		-71.166	-72.971	-77.812	-82.085	-86.239	-83.107	-79.092	-79.279	-68.640	-63.950	-61.183	-53.049	
154 RFJ PD		4179.90	3682.92	3667.46	3701.17	3641.21	3707.97	3694.52	3701.42	3719.36	3696.42	3713.77	3616.79	
157 KOJ PD		.014541	.015174	.015338	.015011	.015035	.014938	.015194	.015037	.015017	.015051	.015177	.015198	
161 KFJ PD		.015467	.016475	.016512	.016437	.016472	.016422	.016452	.016437	.016399	.016448	.016409	.016629	
162 POVIT	PSIA	559.428	558.205	558.040	558.107	558.123	557.919	557.620	557.651	557.530	557.365	557.298	557.215	

10-13-94
16:14:59

TEST NO. LX01-002-0A-123 DATE 10-11-94 2124 HOURS DURATION 14.989 SECONDS
CONFIG: W CHAMBER P/N 1203171-3 LTRIP=.25" LTRIP=.75"

RUN DATA-PT		223.001	223.002	223.003	223.004	223.005	223.006	223.007	223.008	223.009	223.010	223.011	223.012	223.013
163	POJT	562.521	562.415	562.273	562.223	562.462	562.073	561.683	561.270	560.979	560.278	559.729	559.158	
164	PFRT	599.356	599.837	599.037	599.161	599.177	599.145	599.122	599.016	599.060	599.067	599.993	599.734	
165	PFVIT	599.374	599.254	599.473	599.533	599.615	599.582	599.560	599.453	599.497	599.504	599.431	599.222	
166	PFJT	601.215	601.343	601.635	601.843	601.954	601.819	601.698	601.579	601.328	601.221	601.064	600.672	
172	WCOOL TRIP	.123489	.123419	.123500	.124075	.124265	.124258	.124304	.124465	.124812	.124841	.124833	.124833	
174	DT TRIP	3.44334	5.14497	5.59254	8.02457	9.14454	10.0699	11.5145	12.8538	13.9585	15.2092	16.2150	17.2103	
175	QTM	.425214	.634938	.814138	.935893	1.14139	1.25126	1.43131	1.59985	1.74219	1.89873	2.02417	2.14345	

TEST NO. LXD1-002-0A-123 100 LB ENGINE PERFORMANCE JUV J10-100LB-A
 DATE 10-11-94 2124 HOURS DURATION 14.989 SECCNDS
 CONFIG: H CHAMBER P/N 1208171-3 HTRIP=.25" LTRIP=.75"

J0014
 10-13-94
 16:14:53

PUN-DATA-PT

223.014 223.015 223.016 223.017

0	START TIME	12.0000	13.0000	14.0000	2.00000
1	STCP TIME	13.0000	14.0000	14.7890	14.7990
2	TIME OF DAY	21.2400	21.2400	21.2400	21.2400
4	FMD-1	.094793	.094663	.094602	.095478
5	FMD-2	.095229	.095054	.095033	.095907
6	FMF-1	.162584	.162534	.162603	.163249
7	FMF-2	.162864	.162827	.162835	.163484
8	FMW-1	.233552	.232627	.202837	.202837
9	POTR	478.340	479.278	478.353	478.347
10	PFTF	479.609	479.599	479.625	479.606
12	POVI	556.411	556.246	556.284	556.875
15	PC-1	501.562	501.435	501.433	501.547
16	PFVI	598.620	598.431	598.516	598.884
17	FOJ	557.789	557.101	556.652	559.645
18	PFJ	599.108	598.745	598.598	599.937
19	FCAL-A	.109400	.150481	.541080	.138959
20	FCAL-B	.495551	.470406	.427665	.443404
21	FA	72.0726	72.0342	72.0468	71.6603
22	FB	72.2652	72.2328	72.2479	71.7963
27	POL-1	556.342	556.214	556.226	556.824
29	PHE	963.691	963.721	963.770	953.610
30	TJB-3	102.573	104.284	105.881	97.7897
31	TCA-1	666.213	750.119	810.985	487.710
35	TCCELL	138.752	192.640	135.712	163.081
50	TUV	76.6805	77.5292	79.2655	73.4262
52	WPODFM	.138254	.136327	.144262	.140104
53	WFODFM	.163551	.163564	.171557	.165737
54	POTS	52.5972	52.5609	52.6233	52.5747
55	PFL	607.456	607.275	607.353	607.760
56	VTCV	30.3995	30.3999	30.4079	30.3214
57	TFVI	72.9541	73.3066	73.3196	71.9919
58	WPODFM	1.23993	1.33425	1.42711	.860556
59	WFODFM	2.07738	2.23924	2.39902	1.43207
63	TJB-1	105.337	106.713	109.229	100.245
63	TJB-2	122.293	122.714	123.693	109.447
73	FMW-1	.124829	.124792	.124948	.124524
74	FMW-2	.127643	.127618	.127526	.127551
75	PMU	14.3095	14.8202	14.8212	14.3051
76	PVHE	1293.78	1392.89	1392.10	1397.58
77	TUFM	65.5478	65.5985	65.5832	65.2129
78	TFFM	67.0630	67.1205	67.1028	66.9226
79	TFB-1	272.455	294.797	316.296	193.222
80	TNWI	79.4846	79.8903	80.2852	77.7792
81	TNWD	211.658	218.695	227.001	180.183
92	TTWI	74.2539	74.3625	74.4326	73.5614
83	TNWO	92.3105	93.1113	93.8745	87.2222
90	WO TURB FM	.137771	.137546	.137486	.138799
91	WF TURB FM	.164304	.164247	.164291	.164962
92	MR TURB FM	.838517	.837431	.836846	.841349
93	FACJ	70.4689	70.4355	70.4473	70.0283
94	PVAC-1	.595544	.594646	.594646	.616824

RUN	DATA-PT	223.014	223.015	223.016	223.017
95	PVAC-2	.574485	.573713	.573720	.596061
97	TTFR-2	665.690	679.787	597.252	628.195
98	TTFR-3	242.062	264.070	285.263	169.384
99	MIDPT	12.5000	13.5000	14.3545	9.39450
100	AT	.105780	.105780	.105780	.105780
101	AE	.177210	.177210	.177210	.177210
102	PA	.585015	.584183	.584183	.606443
103	NO CONTENT	1.60000	1.50000	1.60000	1.60000
104	F ZERO	.078757	.078757	.078757	.078757
105	W0	.137581	.137353	.137295	.138586
106	W1	.164299	.164251	.164291	.164960
107	W2	.301890	.301603	.301597	.303545
108	MR	.837378	.836238	.835683	.840118
109	F SL	70.33901	70.33547	70.3686	69.9495
110	F VAC	70.4938	70.4582	70.4721	70.0570
111	15P VAC	233.516	233.612	233.571	230.796
112	C STAP	5650.60	5654.36	5654.65	5619.44
113	CF	1.32869	1.32835	1.32862	1.32049
114	XDIFF F	.000000	.000000	.000000	.000000
115	XDIFF F#0	.460393	.412083	.455326	.449149
116	XDIFF F#1	.172260	.130684	.142429	.144029
117	XDIFF F#2	.493370	.709308	5.07466	1.09570
118	XDIFF F#3	-.45563	-.35717	4.69015	.471019
119	XDIFF F#4	1.44179	1.44120	1.44072	1.44402
120	XDIFF F#5	1.44805	1.44737	1.44800	1.44824
121	SG0	1.00368	1.00965	1.00966	1.00975
122	SG1	1.43354	1.43442	1.43345	1.43391
123	SG2	1.00368	1.00965	1.00966	1.00975
124	SG3	1.00968	1.00965	1.00966	1.00975
125	SG4	1.00968	1.00965	1.00966	1.00975
126	AVSGF	1.44179	1.44120	1.44072	1.44402
127	AVSG0	1.44805	1.44737	1.44800	1.44824
128	ROVJ	-.115.08	-.75.333	-.38.197	-.218.70
129	ROJ	4324.23	4232.35	4259.07	4415.11
130	RFRV	-16.371	-16.380	-16.372	-16.241
131	RFVJ	-44.120	-37.537	-29.950	-65.026
132	RFJ	3693.09	3696.30	3679.11	3695.44
133	K0J	.015207	.015263	.015323	.015050
134	K1J	.015455	.016470	.016486	.016450
135	K2J	.138254	.138327	.144262	.140104
136	K3J	.163551	.163564	.171997	.165737
137	K4J	.301805	.301391	.316259	.305841
138	K5J	.845328	.845188	.838751	.845342
139	K6J	233.574	233.312	222.820	229.064
140	K7J	5652.01	5647.10	5392.31	5577.26
141	K8J	-.113.16	-.74.281	-.34.595	-.213.99
142	K9J	4282.21	4232.10	3957.63	4319.93
143	K10J	-16.521	-16.498	-14.938	-16.089
144	K11J	-44.525	-37.907	-26.414	-64.418
145	K12J	3725.97	3712.78	3356.85	3660.87
146	K13J	.015281	.015372	.016101	.015215
147	K14J	.016340	.016412	.017460	.015523
148	K15J	557.069	556.903	556.941	557.533
149	K16J				
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FILE: MM1PC

TEST NO. LXC1-D02-04-123 100 LB ENGINE PERFORMANCE JOR J10-100LB-A
DATE 10-11-94 2124 HOURS DURATION 14.999 SECONDS
CONFIG: H CHAMBER P/N 1208171-3 MTRIP=.25" LTRIP=.75"

J0014
10-13-94
16:14:59

RUN DATA-PT

163 POJT	PSIA	558.579	557.889	557.441	560.442
164 PFRIT	PSIA	594.681	596.432	598.577	598.945
165 PFVIT	PSIA	599.118	598.023	599.014	599.283
166 PFJT	PSIA	600.238	599.935	599.768	601.135
173 WCUOL TRIP	LB/SEC	.124829	.124792	.124548	.124524
174 CT TRIP	DEG F	13.0566	18.7433	19.3820	13.6608
175 CTW	BTU/SEC	2.25400	2.33969	2.42173	1.70111

RUN DATA-PT

0	START TIME	224.001	224.002	224.003	224.004	224.005	224.006	224.007	224.008	224.009	224.010	224.011	224.012	224.013
1	STOP TIME	-.50000	.50000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000
2	TIME OF DAY	-.05000	1.00000	2.00000	3.00000	4.00000	5.00000	6.00000	7.00000	8.00000	9.00000	10.0000	11.0000	12.0000
3	TIME OF DAY	21.5700	21.5700	21.5700	21.5700	21.5700	21.5700	21.5700	21.5700	21.5700	21.5700	21.5700	21.5700	21.5700
4	FWD-1	.019101	.126897	.117699	.111542	.103348	.106023	.106230	.105617	.105433	.105473	.105391	.105373	.105661
5	FWD-2	.000452	.127084	.117963	.111834	.109677	.106422	.106590	.105981	.105817	.105838	.105761	.105741	.105837
6	FAF-1	.004094	.171413	.162123	.155717	.152713	.151189	.149933	.149166	.149165	.149154	.149208	.149182	.149076
7	FAF-2	.002040	.171692	.162365	.155915	.153046	.151486	.150199	.149445	.149348	.149413	.149499	.149438	.149347
8	FMNW-1	.182506	.184881	.186561	.188055	.188795	.189270	.190153	.191078	.192718	.195623	.215371	.276444	
9	POTR	.492.249	.482.288	.482.248	.482.242	.492.220	.482.252	.482.295	.482.268	.482.297	.482.247	.482.225	.482.325	
10	PETR	.464.208	.464.127	.464.067	.464.136	.464.126	.464.073	.464.111	.464.100	.464.102	.464.062	.464.018	.464.087	
12	POVI	.589.605	.578.022	.577.906	.577.919	.577.734	.577.866	.577.795	.577.702	.577.535	.577.536	.577.397	.577.244	
15	PC-1	14.3252	484.505	495.799	503.521	506.894	508.666	509.761	510.278	510.135	509.985	509.841	509.538	509.342
16	PVI	.598.751	.589.635	.590.524	.591.093	.591.236	.591.343	.591.281	.591.272	.591.243	.591.139	.590.985	.590.898	590.846
17	POJ	13.9233	579.074	579.732	580.196	580.089	580.442	580.096	579.693	579.158	578.728	578.089	577.377	576.790
18	PFJ	14.5105	590.770	592.305	593.294	593.689	593.923	593.847	593.746	593.566	593.559	593.354	593.072	592.792
19	FCAL-A	-.00647	.203918	.319561	.204549	.375558	.340300	.368508	.302970	.250686	.240602	.383714	.323086	.290135
20	FCAL-B	-.02747	.205948	.287260	.291690	.259041	.294034	.357596	.431664	.461581	.493810	.487700	.474841	.468973
21	FA	-.00405	64.7050	67.4430	70.0075	71.5637	72.5392	73.5813	73.5934	73.5803	73.5950	73.5808	73.5808	73.6169
22	FB	-.01742	64.7279	67.4657	70.0518	71.6213	72.6085	73.3244	73.6709	73.7021	73.6800	73.7173	73.7158	73.7597
23	POL-1	.598.213	.578.401	.578.094	.578.072	.577.728	.577.826	.577.784	.577.670	.577.523	.577.499	.577.322	.577.158	577.160
29	PHE	.962.585	.962.773	.962.715	.962.708	.962.719	.962.671	.962.707	.962.727	.962.743	.962.765	.962.751	.962.765	962.775
30	TJ5-3	.68.5507	.82.0201	.81.7060	.83.0812	.84.8133	.89.5980	.96.9536	.101.335	.104.368	.107.886	.111.570	.114.522	114.522
31	TGN-1	70.0777	81.0245	118.866	164.054	240.309	244.073	287.534	332.357	388.004	469.046	497.612	512.149	546.334
35	TCCL	38.3896	79.6133	100.787	120.742	137.077	149.438	163.804	180.974	196.212	206.904	216.090	223.530	229.002
50	TOV	73.5295	71.5116	70.9994	70.7813	70.4476	70.3804	70.9954	71.6965	72.5097	73.3071	74.1700	75.1364	75.8862
52	WOPDFM	.493512	.177152	.174027	.164528	.158899	.155321	.154884	.155757	.153268	.153171	.153034	.153869	.153071
53	WOPDFM	.000000	.165638	.165843	.159239	.153703	.153746	.151981	.150808	.150333	.150766	.150889	.149986	.150626
54	POTS	52.7319	52.6471	52.7256	52.7278	52.7734	52.8116	52.8381	52.7818	52.7942	52.7734	52.8432	52.8038	52.8862
55	PFL	603.271	598.854	599.360	599.612	599.677	599.728	599.623	599.546	599.489	599.382	599.297	599.215	599.151
56	VTCV	.020435	30.0693	30.1251	30.1817	30.2240	30.2591	30.2885	30.3139	30.3354	30.3554	30.3713	30.3856	30.3984
57	TEVI	79.2292	72.6947	69.5685	68.1581	68.6065	69.3894	69.7948	70.5048	70.9895	71.5528	72.1685	72.6726	72.9366
58	WOPDFM	.000295	.112128	.207722	.321243	.431427	.537959	.644936	.752163	.858259	.963440	1.06983	1.17498	1.28142
59	WOPDFM	-.00002	.145919	.276764	.434232	.587284	.738459	.889401	1.03921	1.18844	1.33680	1.48735	1.63529	1.78568
68	TJ8-1	65.8851	84.9481	93.6460	96.7037	100.119	103.513	105.340	108.089	110.570	112.036	113.205	114.537	116.163
69	TJ8-2	69.8548	125.862	127.451	113.650	106.918	110.421	117.223	123.043	128.110	130.884	132.788	134.807	135.635
73	FMTW-1	.120321	.120392	.120549	.120852	.120910	.121134	.121097	.121181	.121352	.121490	.121729	.121843	.121857
74	FMTW-2	.123586	.123705	.123826	.123927	.124098	.124521	.124566	.124500	.124572	.124637	.124813	.124814	.124812
75	PHU	14.8117	14.8358	14.8114	14.8524	14.8306	14.8381	14.8342	14.8335	14.8187	14.8375	14.8440	14.8333	14.8420
76	PVHE	1392.50	1392.34	1391.94	1391.28	1390.58	1389.50	1389.52	1388.98	1388.42	1387.90	1387.39	1386.82	1386.27
77	TUFM	63.3539	63.3482	63.2338	63.4058	63.8322	64.0283	64.0698	64.1940	64.2378	64.2478	64.3395	64.4128	64.3957
78	TUFM	62.9034	63.2985	64.7989	65.4007	65.5531	65.7390	65.7902	65.8477	65.8766	65.8874	65.9635	66.0082	66.0343
79	TJ8-1	67.3960	74.2137	73.9349	90.2381	104.039	121.874	142.001	167.381	191.447	215.543	242.120	268.931	295.981
80	TNWI	70.6369	72.4271	72.6261	73.5854	74.2934	75.1849	75.8601	82.0965	77.0644	77.7314	78.4351	79.0754	79.7640
81	TNWD	70.6110	83.1087	107.815	129.961	144.994	157.777	169.138	179.964	190.287	200.694	210.713	221.913	233.385
82	TTHI	69.4526	70.2051	71.2317	71.9958	72.5168	72.6637	72.8376	73.2117	73.8400	74.0576	74.2716	74.4287	74.5129
83	TTHI	59.6147	73.8276	77.3367	79.5919	81.8380	83.9029	85.6219	87.2682	88.8867	90.3922	91.7579	92.9394	94.0118
90	WD TUR9 FM	.249756	.184594	.171272	.162299	.157601	.154254	.154510	.153611	.153393	.153336	.153274	.153236	.153236
91	MR TUR9 FM	.249756	.173588	.164008	.157446	.154478	.152902	.151615	.150842	.150789	.150813	.150878	.150838	.150730
92	MR TUR9 FM	.249756	1.06331	1.04421	1.03081	1.02021	1.00882	1.01903	1.01836	1.01701	1.01711	1.01588	1.01590	1.01752
93	FAUJ	.086573	64.4511	65.9236	63.1451	70.3540	70.9615	71.3323	71.3261	71.3477	71.3302	71.3562	71.3483	71.3883
94	PVAC-1	.071955	.921565	.859528	.714799	.663029	.645036	.630390	.624294	.627295	.627442	.628095	.625664	.625203

100 LB ENGINE PERFORMANCE JOR J10-100LB-A
TEST NO. LX01-002-0A-124 DATE 10-11-94 2157 HOURS DURATION 14.997 SECONDS
CONFIG: M CHAMPER P/N 1208171-3 MTRIP=.25" LTRIP=.75"

RUN DATA-PT

	224.001	224.002	224.003	224.004	224.005	224.006	224.007	224.008	224.009	224.010	224.011	224.012	224.013
95 PVAC-2	.040606	.890996	.829684	.664889	.635087	.617259	.603253	.596581	.598778	.599029	.599637	.597171	.596146
97 TTFB-2	65.3845	551.149	562.979	544.338	540.000	523.977	514.984	510.138	526.494	554.256	583.987	613.170	641.803
98 TTFB-3	69.6022	1502.53	1409.11	1207.11	1133.95	1052.80	1028.44	924.920	850.707	831.569	841.920	838.971	836.560
99 MIDPT	.750000	1.50000	2.50000	3.50000	4.50000	5.50000	6.50000	7.50000	8.50000	9.50000	10.5000	10.5000	11.5000
100 AT	.105780	.105790	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780	.105780
101 AE	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210	.177210
102 PA	.056281	.906331	.944606	.700644	.643058	.631147	.617122	.610437	.613036	.613236	.613866	.611418	.610675
103 NO CONTENT	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000	1.60000
104 F ZERO	.086573	.086573	.086573	.086573	.086573	.086573	.086573	.086573	.086573	.086573	.086573	.086573	.086573
105 WU	.184518	.170990	.161389	.157363	.154020	.154281	.154281	.154281	.154281	.154281	.154281	.154281	.154281
106 WF	.173531	.164005	.157451	.154474	.152900	.151611	.150839	.150787	.150839	.150787	.150839	.150839	.150730
107 WT	.358049	.336994	.319440	.311837	.306920	.305893	.304226	.303987	.303987	.303987	.303987	.303987	.303874
108 MR	1.06331	1.04259	1.02882	1.01870	1.00732	1.01761	1.01690	1.01534	1.01565	1.01565	1.01438	1.01450	1.01602
109 F SL	64.3645	66.8370	69.0585	70.2674	70.8949	71.2457	71.2395	71.2612	71.2436	71.2696	71.2618	71.3017	71.3017
110 F VAC	64.5251	66.9867	69.1826	70.3824	71.0068	71.3551	71.3477	71.3698	71.3523	71.3784	71.3701	71.4099	71.4099
111 ISP VAC	180.213	199.964	216.575	225.703	231.353	233.268	234.522	234.833	234.722	234.853	234.887	234.998	234.998
112 C STAR	4602.15	5033.54	5360.85	5528.23	5636.54	5667.64	5704.47	5708.65	5705.69	5705.18	5703.26	5700.60	5700.60
113 CF	1.25900	1.27726	1.29890	1.31266	1.31967	1.32259	1.32181	1.32259	1.32266	1.32351	1.32415	1.32540	1.32540
114 XDIFF F	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
115 XDIFF FMD	.154952	.224863	.261795	.303970	.371673	.339383	.334674	.364534	.345853	.351090	.343517	.356594	.356594
116 XDIFF FMF	.161725	.161941	.126813	.214827	.196292	.177512	.186816	.122664	.173834	.195253	.171794	.182042	.182042
119 XDIFF FMD PD	-3.39919	1.77663	1.56759	.976087	.845176	.390335	1.54460	.089486	-.00133	-.009236	-.556264	-.04816	-.04816
120 XDIFF FMF PD	-4.5483	1.12068	1.13598	-.49906	.553282	.243807	-.02052	-.30132	-.03172	.006775	-.56007	-.06859	-.06859
121 SGO	1.45306	1.45114	1.45037	1.45018	1.44994	1.44987	1.44987	1.44976	1.44975	1.44965	1.44959	1.44956	1.44956
122 SGF	1.01153	1.01079	1.01049	1.01042	1.01032	1.01030	1.01027	1.01026	1.01025	1.01021	1.01019	1.01018	1.01018
123 SGUJ	1.44243	1.44316	1.44345	1.44388	1.44397	1.44317	1.44226	1.44119	1.44015	1.43902	1.43775	1.43676	1.43676
124 SGFRI	1.01153	1.01079	1.01049	1.01042	1.01032	1.01030	1.01027	1.01026	1.01025	1.01021	1.01019	1.01018	1.01018
125 SGFJ	1.01153	1.01079	1.01049	1.01042	1.01032	1.01030	1.01027	1.01026	1.01025	1.01021	1.01019	1.01018	1.01018
126 AVSGF	1.01153	1.01079	1.01049	1.01042	1.01032	1.01030	1.01027	1.01026	1.01025	1.01021	1.01019	1.01018	1.01018
127 AVSGO	1.44778	1.44715	1.44691	1.44703	1.44696	1.44652	1.44603	1.44548	1.44495	1.44433	1.44367	1.44316	1.44316
129 ROVJ	-65.456	-108.90	-142.27	-153.28	-172.06	-154.77	-137.09	-114.75	-88.136	-57.370	-24.608	13.1938	13.1938
130 ROJ	4056.24	4194.69	4271.22	4323.01	4424.47	4319.77	4310.64	4297.73	4275.08	4248.25	4221.06	4187.32	4187.32
132 RFRV	-14.731	-16.466	-17.855	-18.546	-18.928	-19.251	-19.445	-19.461	-19.451	-19.436	-19.446	-19.472	-19.472
133 RFRVJ	-64.924	-32.742	-114.87	-128.53	-136.09	-137.19	-134.19	-127.52	-131.83	-129.48	-120.85	-110.83	-110.83
134 RFJ	3613.23	3671.17	3704.52	3721.25	3730.30	3741.79	3752.27	3753.13	3758.15	3752.11	3755.29	3756.50	3756.50
136 KOVJ	.015701	.015440	.015301	.015209	.015034	.015215	.015231	.015254	.015294	.015342	.015392	.015454	.015454
137 KOJ	.016626	.016504	.016420	.016393	.016373	.016348	.016325	.016323	.016312	.016325	.016318	.016316	.016316
141 KFJ	.177152	.174027	.164528	.152899	.155321	.154894	.155757	.152268	.153171	.153034	.153869	.153071	.153071
142 WO PD	.165828	.165342	.159239	.153703	.153746	.151961	.150806	.150333	.150766	.150889	.149986	.150626	.150626
143 WF PD	.342790	.339870	.323767	.312602	.309067	.306865	.306565	.303601	.303937	.303923	.303856	.303697	.303697
144 WT PD	1.06952	1.04935	1.03322	1.02380	1.01025	1.01910	1.03282	1.01952	1.01596	1.01422	1.02589	1.01623	1.01623
145 MR PD	188.235	197.095	203.680	225.151	229.745	232.530	232.733	235.078	234.760	234.857	234.882	235.136	235.136
146 ISP PD	4807.02	4961.33	5289.13	5514.70	5597.37	5649.69	5660.96	5714.62	5706.62	5705.26	5703.14	5703.92	5703.92
147 CSTAR PD	-71.012	-105.13	-137.91	-150.33	-169.19	-153.57	-132.95	-114.54	-88.128	-57.381	-24.336	13.2065	13.2065
149 ROVJ PC	4400.55	4047.52	4140.43	4237.84	4350.62	4236.25	4190.50	4290.05	4275.19	4249.05	4174.48	4191.36	4191.36
150 ROJ PD	-16.168	-16.103	-17.456	-18.733	-18.720	-19.157	-19.453	-19.579	-19.464	-19.434	-19.665	-19.498	-19.498
152 RFRV PD	-71.150	-90.658	-112.31	-129.42	-134.60	-136.53	-134.24	-128.29	-131.91	-129.46	-122.21	-110.99	-110.99
153 RFRVJ PD	3965.83	3590.25	3621.77	3758.67	3689.36	3723.61	3753.81	3775.86	3760.54	3751.61	3797.71	3761.66	3761.66
154 RFJ PD	.015075	.015714	.015541	.015358	.015161	.015274	.015466	.015263	.015294	.015341	.015477	.015446	.015446
156 KGVJ PC													
157 KOJ PD													

TEST NO. LX01-002-0A-124 DATE 10-11-94 2157 HOURS DURATION 14.997 SECONDS

CONFIG: M CHAMBER P/N 1204171-3 MTRIP=.25" LTRIP=.75"

RUN.DATA-PT

	224.001	224.002	224.003	224.004	224.005	224.006	224.007	224.008	224.009	224.010	224.011	224.012	224.013
161 KFJ PU	.015873	.016589	.016617	.016711	.016711	.016711	.016388	.016322	.016274	.016307	.016326	.016227	.016305
162 POVIT	578.705	578.530	578.539	578.402	578.402	578.521	578.461	578.368	578.200	578.201	578.062	577.861	577.509
163 POJT	520.244	590.781	581.169	581.025	581.025	581.332	581.008	590.598	580.051	579.032	578.992	578.280	577.694
164 PFRIT	592.703	590.594	591.169	591.290	591.335	591.332	591.323	591.294	591.190	591.036	590.943	590.897	
165 PFVIT	590.141	591.023	591.587	591.728	591.833	591.771	591.761	591.732	591.628	591.474	591.387	591.335	
166 PFJT	592.071	593.493	594.405	594.766	594.982	594.892	594.782	594.602	594.596	594.392	594.109	593.828	
173 WCOOL TRIP	.120392	.120549	.120852	.120910	.121124	.121097	.121181	.121352	.121490	.121729	.121843	.121857	
174 DT TRIP	3.62458	6.10503	7.59604	9.32116	11.2392	12.7843	14.0565	15.0468	16.3347	17.4863	18.5107	19.4589	
175 CTW	.436371	.735957	.917593	1.12702	1.36145	1.54814	1.70339	1.82596	1.98450	2.12859	2.25541	2.37607	

TEST NO. LX01-002-0A-124 DATE 10-11-94 2157 HOURS DURATION 14.997 SECONDS
 CONFIG: H CHAMBER P/N 1208171-3 MTRIP=.25" LTRIP=.75"

J0014
 10-13-94
 16:24:32

RUN DATA-PT		100 LB ENGINE PERFORMANCE JOB J10-100LB_A	
		224.014	224.015
0 START TIME		12.0000	13.0000
1 STOP TIME		13.0000	14.0000
2 TIME OF DAY		21.5700	21.5700
3 FMO-1	MRS. MIN	.105309	.105317
4 FMO-2	LB-W	.105677	.105688
5 FMO-1	LB-W	.149341	.149367
6 FMO-2	LB-W	.149602	.149613
7 FMO-1	LB-W	.482.218	.482.249
8 FMO-2	PSIA	464.054	464.040
9 POTR	PSIA	577.148	577.195
10 POTR	PSIA	509.258	509.165
11 POTR	PSIA	590.870	590.830
12 POTR	PSIA	576.103	575.521
13 POTR	PSIA	592.760	592.560
14 POTR	PSIA	.379148	.285283
15 POTR	LBS	.418496	.390271
16 POTR	LBS	73.6557	73.6632
17 POTR	LBS	73.8002	73.8217
18 POTR	LBS	577.094	577.133
19 POTR	PSIA	362.829	362.845
20 POTR	PSIA	121.271	124.447
21 POTR	DEG F	581.972	610.854
22 POTR	DEG F	232.620	235.776
23 POTR	DEG F	76.7842	77.6504
24 POTR	DEG F	.154669	.153918
25 POTR	LB/SEC-P	.151713	.151478
26 POTR	PSIA	52.8304	52.8295
27 POTR	PSIA	599.176	599.127
28 POTR	VOLTS	30.4113	30.4211
29 POTR	DEG F	73.3732	73.7481
30 POTR	LBS	1.38678	1.49260
31 POTR	LBS	1.93409	2.08372
32 POTR	DEG F	117.539	118.763
33 POTR	DEG F	136.735	138.136
34 POTR	LB-W	.121875	.121907
35 POTR	LB-W	.124829	.124823
36 POTR	PSIA	14.8500	14.8441
37 POTR	PSIA	1395.74	1395.15
38 POTR	DEG F	64.4568	64.4833
39 POTR	DEG F	66.0765	66.1212
40 POTR	DEG F	321.525	345.987
41 POTR	DEG F	80.3456	81.0538
42 POTR	DEG F	643.215	651.602
43 POTR	DEG F	74.5567	74.6597
44 POTR	DEG F	35.0710	35.9321
45 POTR	LB/SEC-P	.153133	.153141
46 POTR	LB/SEC-P	.150991	.151005
47 POTR	LBS	1.01418	1.01415
48 POTR	PSIA-AP	71.4279	71.4225
49 POTR		.624108	.623893
50 POTR		.624273	.624273

TEST NO. LX01-D02-0A-124 100 LH ENGINE PERFORMANCE JOB J10_100LB_A
 DATE 10-11-94 2157 HOURS DURATION 14.997 SECONDS
 CONFIG: H CHAMEER P/N 1204171-3 ATRIP=.23" LTRIP=.75"

J0014
 10-13-94
 16:24:32

TEST NO.	TEST NAME	224.014	224.015	224.016	224.017
95	PVAC-2	.595167	.594960	.595176	.608676
97	TFB-2	.599103	.695471	.720111	.598549
98	TFB-3	.843044	.853909	.865102	.931307
99	MIDPT	12.5000	13.5000	14.3985	9.39850
100	AT	.105780	.105780	.105780	.105780
101	AE	.177210	.177210	.177210	.177210
102	PA	.609638	.609629	.609727	.622886
103	NU CONTENT	1.50000	1.60000	1.60000	1.60000
104	F ZERO	.086573	.086573	.086573	.086573
105	WU	.152912	.152920	.152998	.154241
106	WF	.150990	.151005	.150946	.151856
107	WT	.303902	.303924	.303944	.306097
108	MR	1.01274	1.01268	1.01359	1.01571
109	F SL	71.3413	71.3559	71.3403	70.7409
110	F VAC	71.4494	71.4639	71.4493	70.8512
111	ISP VAC	235.107	235.137	235.070	231.467
112	C STAR	5699.13	5697.68	5693.94	5653.92
113	CF	1.32635	1.32686	1.32735	1.31626
114	XDIFF F	.000000	.000000	.000000	.000000
115	XDIFF FMU	.350320	.351740	.307052	.331182
116	XDIFF FME	.174584	.164538	.182105	.174607
119	XDIFF FMU PD X	1.14877	.652711	5.00564	1.02743
120	XDIFF FME PD Y	.479268	.313943	3.20537	.375052
121	SGU	1.44950	1.44944	1.44948	1.44976
122	SGF	1.01016	1.01013	1.01015	1.01025
123	SGGJ	1.43558	1.43443	1.43370	1.43959
124	SGRI	1.01016	1.01013	1.01015	1.01025
125	SGFJ	1.01016	1.01014	1.01015	1.01026
126	AVSGF	1.01016	1.01014	1.01015	1.01026
127	AVSGU	1.44254	1.44194	1.44159	1.44467
129	RGVJ	49.7986	88.5605	128.123	-58.286
130	RJ	4159.49	4125.74	4091.02	4250.67
132	RFRV	-19.402	-19.397	-19.415	-15.188
133	RFVJ	-106.06	-101.02	-89.423	-120.49
134	RFJ	3745.96	3740.41	3736.20	3742.29
136	KOVJ	.141707	.106262	.088345	
137	KJ	.015505	.015569	.015635	.015338
141	KFJ	.016329	.016351	.016360	.016347
142	MO PD	.154669	.153919	.160456	.155826
143	MF PD	.151713	.151478	.155785	.152425
144	MT PD	.306382	.305396	.316441	.308251
145	MR PD	1.01948	1.01613	1.03127	1.02231
146	ISP PD	233.203	234.004	225.787	229.849
147	CSTAR PU	3652.00	5570.21	5469.07	5614.40
149	ROVJ PJ	43.6739	87.4156	116.199	-57.107
150	RJ PD	4065.54	4072.41	3710.28	4164.55
152	RFRV PD	-19.217	-19.275	-18.228	-19.045
153	RFVJ PD	-107.05	-100.39	-33.960	-119.59
154	RFJ PD	3710.31	3717.04	3507.72	3714.38
156	KOVJ PD	.143335	.106956	.092763	
157	KJ PD	.015643	.015670	.016417	.015496

```

100 L3 ENGINE PERFORMANCE JOB J10_100LB_A
TEST NO. LXD1-002-0A-124 DATE 10-11-94 2157 HOURS DURATION 14.937 SECONDS
CONFIG: M CHAMBER P/W 120R171-3 WTRIP=.25" LTRIP=.75"

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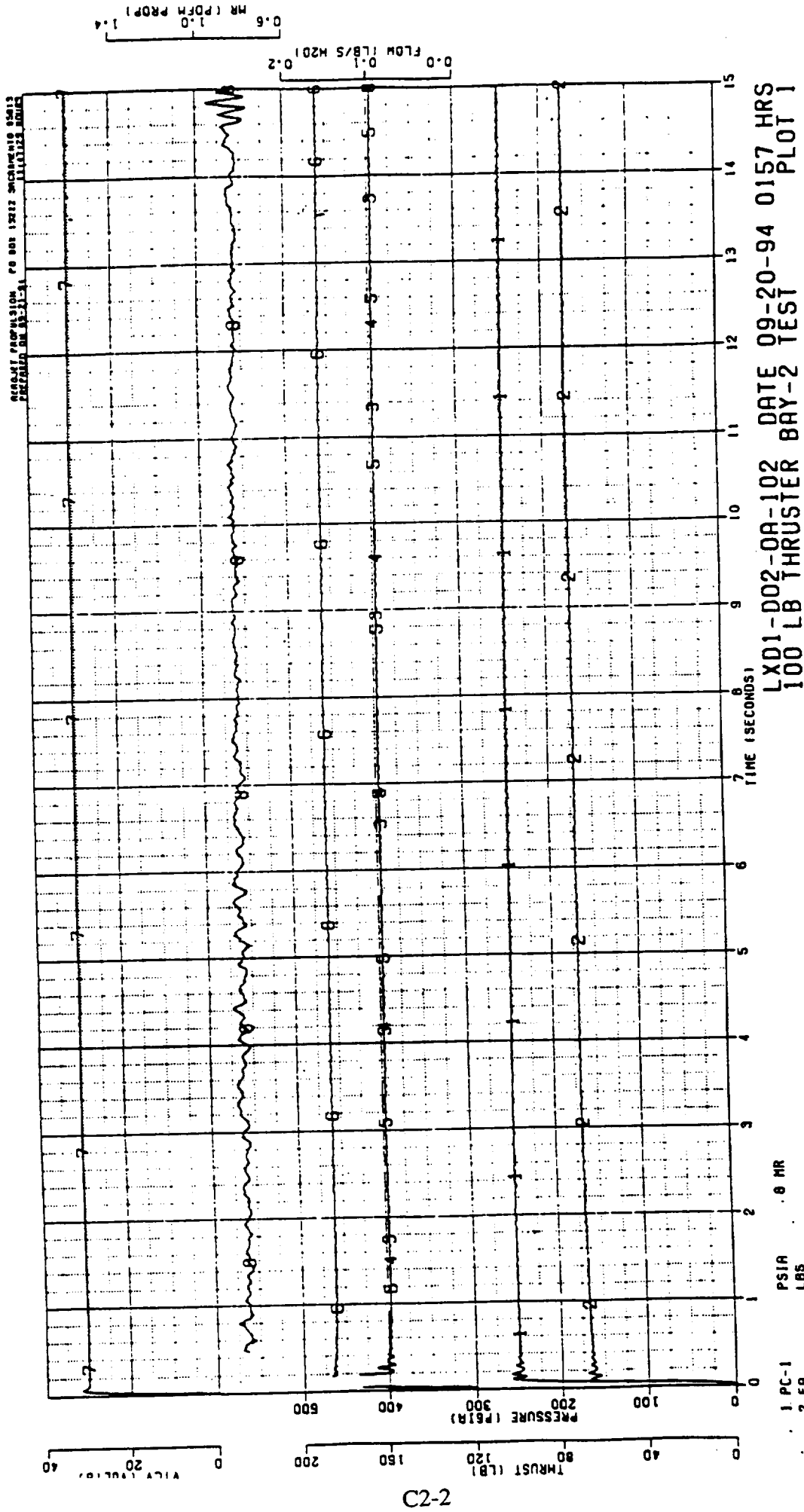
J0014
10-13-34
16:24:32

224.014 224.015 224.016 224.017

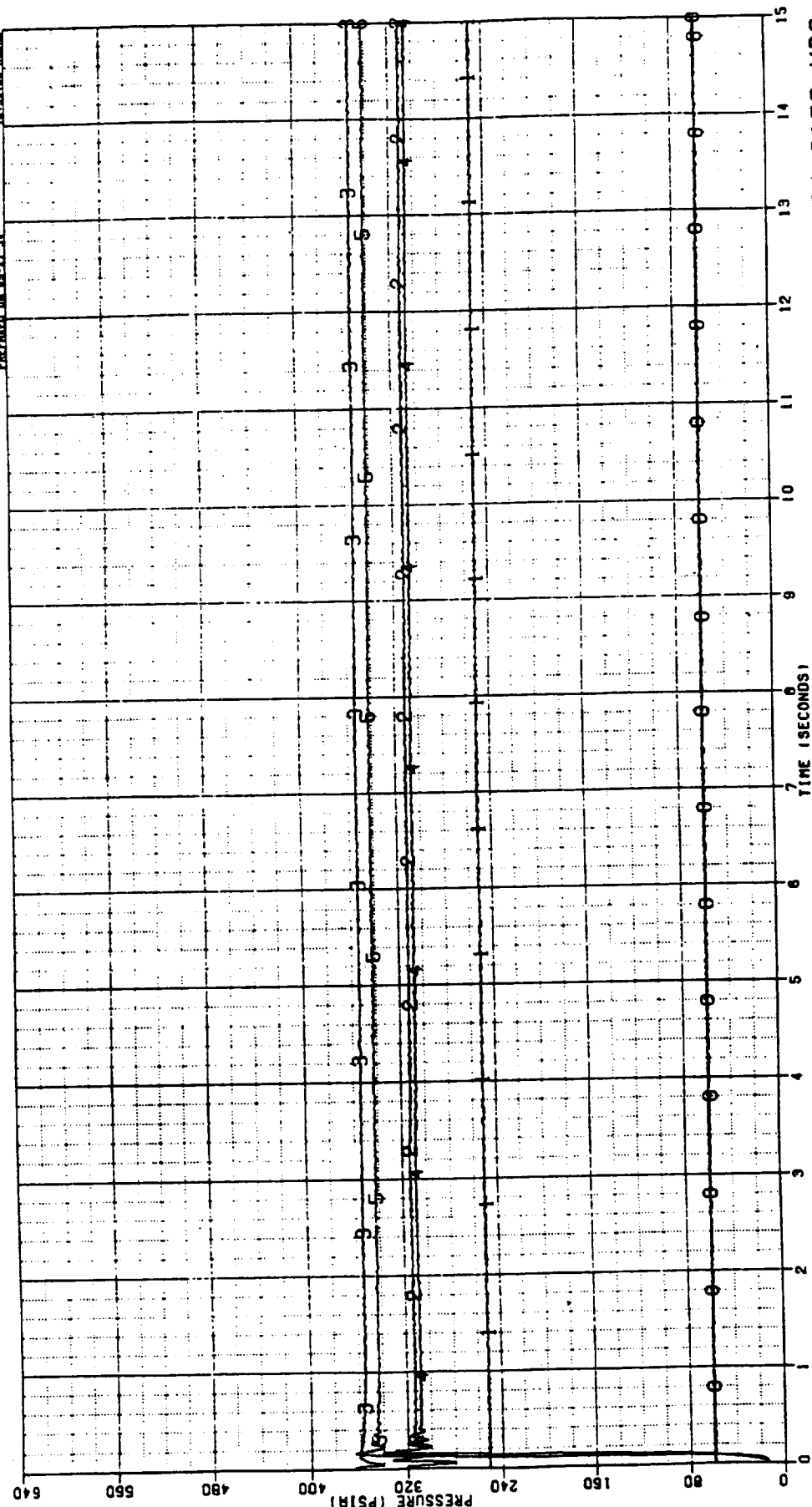
161	KFJ P0	PSIA
162	POVIT	PSIA
163	POJT	PSIA
164	PFRT	PSIA
165	PVIT	PSIA
166	PEJT	PSIA
173	WCCUL TRIP	LB/SL
174	CT TRIP	DEG F
175	CTM	UTUS

0.016417 .016402 .016884 .016408
577.813 577.860 577.740 578.152
577.006 576.824 575.659 579.112
590.322 590.831 590.682 591.099
591.339 591.319 591.120 591.537
593.799 593.553 593.137 594.287
.121875 .121907 .121996 .121484
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2.59398 2.59323 2.74347 1.93445

C2 Test Data Measurements – Analog Plots of Engineering Units Data



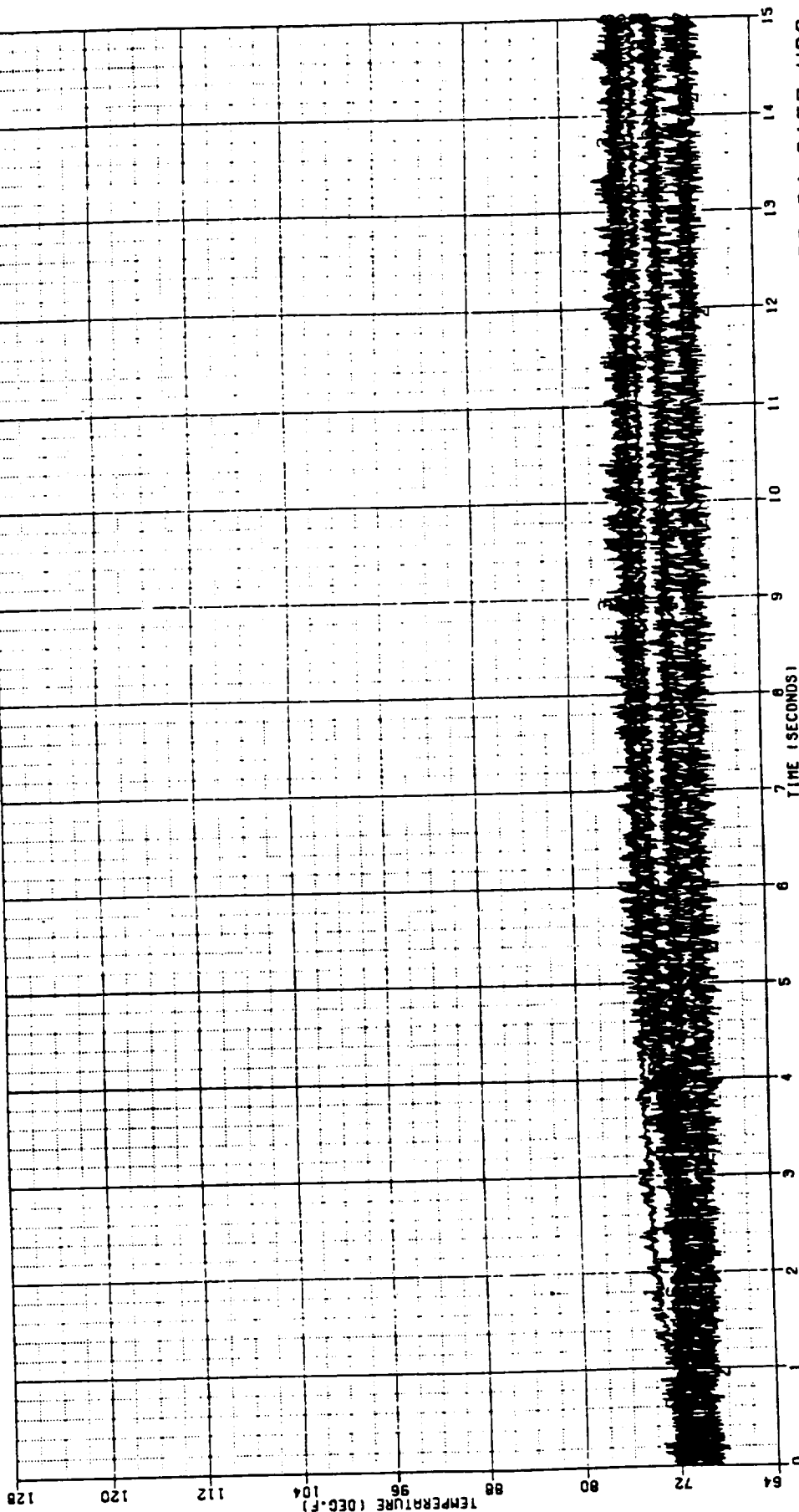
REPORT PRODUCTION, PD 801 13212 SACRAMENTO 19813
 PREPARED BY 15-1-51



LXD1-002-0A-102 DATE 09-20-94 0157 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

0 POTS
 1 PFTIR
 2 POL-1
 3 PFL
 4 POU
 6 PFJ
 PSIA
 PSIA
 PSIA
 PSIA
 PSIA
 PSIA

REDAJI PAPERWORK, PO BOX 132122 ENCINENAS, CA 94025
PRINTED ON 09-20-94



LXD1-D02-0A-102 DATE 09-20-94 0157 HRS
100 LB THRUSTER BAY-2 TEST PLOT 3

0 T0FH
1 TFFH
2 TOV
3 TFI
4 TJB-1
5 TJB-2
6 TJB-3
DEO F
DEO F
DEO F
DEO F
DEO F
DEO F
DEO F

TEMPERATURE (DEG.F)

H₂O FLOWRATE (LB/SEC)

TIME (SECONDS)

1

2

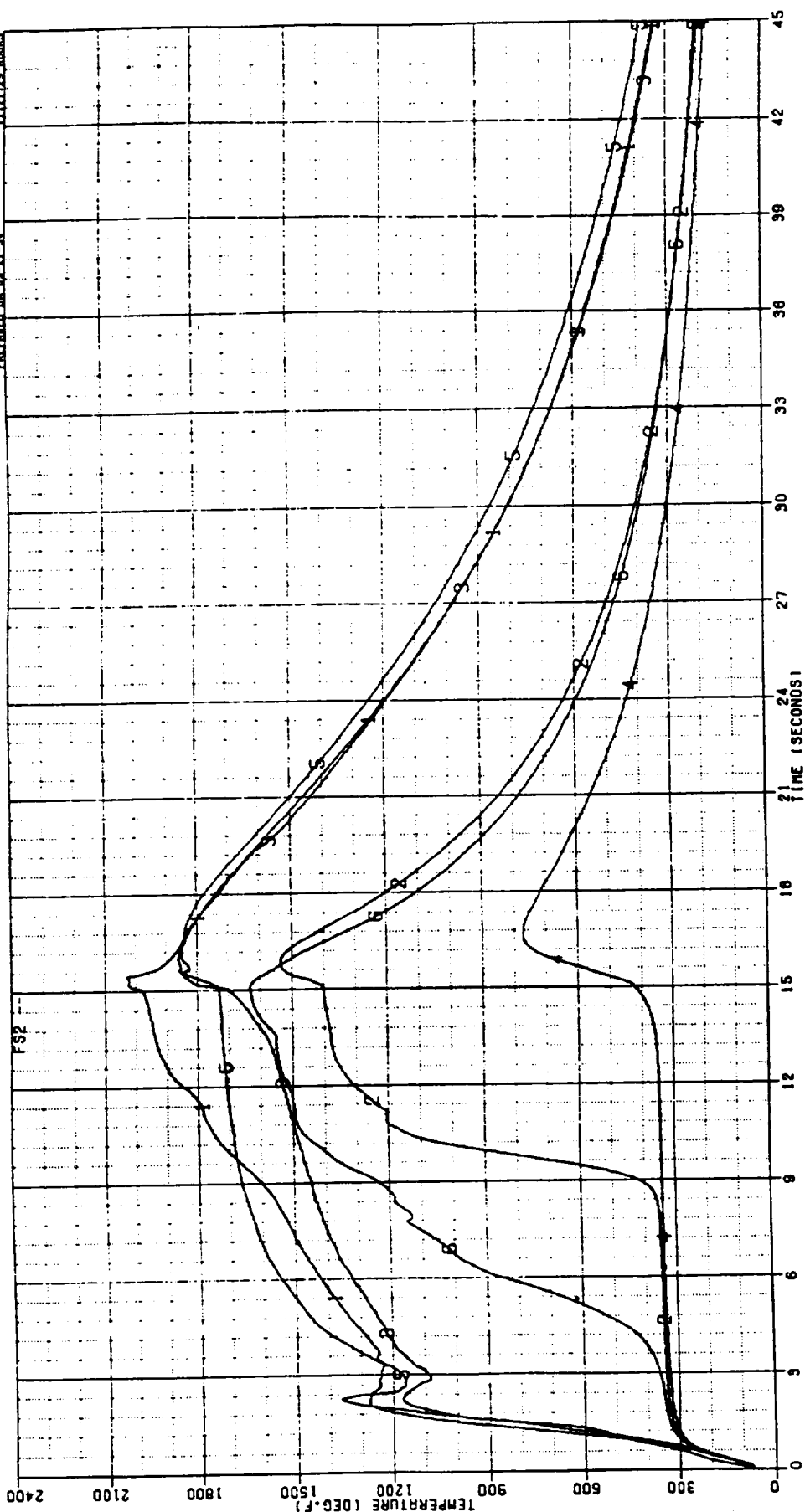
3

OS) LXD1-D02-0A-102 DATE 09-20-94 0157 HRS
1100 LB THRUSTER BAY-2 TEST PLOT 4

1	TWJ	DEO F	8 FMM-1	LB-W
2	TWJ	DEO F	9 FMM-2	LB-W
3	TCN-1	DEO F		
4	TWJ	DEO F		
5	TWJ	DEO F		
6	FMM-1	LB-W		
7	FMM-2	LB-W		

C2-5

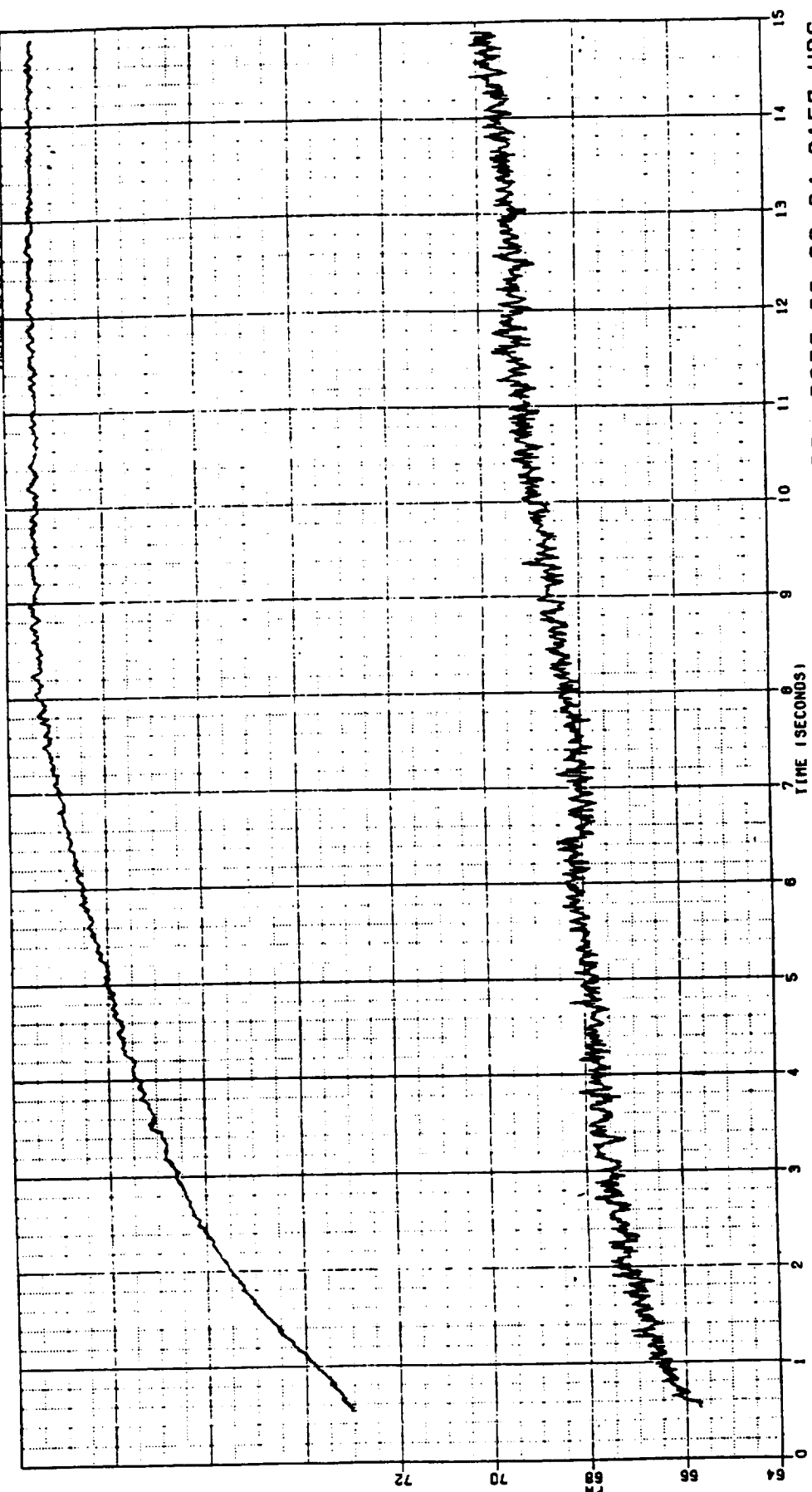
REPORT PRODUCTION, PO BOX 15222 AMMANHIO 35013
 PREPARED ON 01-21-94



LX01-D02-0A-102 DATE 09-20-94 0157 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 6

- 1 TH-1 DEG F
- 2 TH-2 DEG F
- 3 TH-3 DEG F
- 4 TH-4 DEG F
- 5 TH-5 DEG F
- 6 TH-6 DEG F

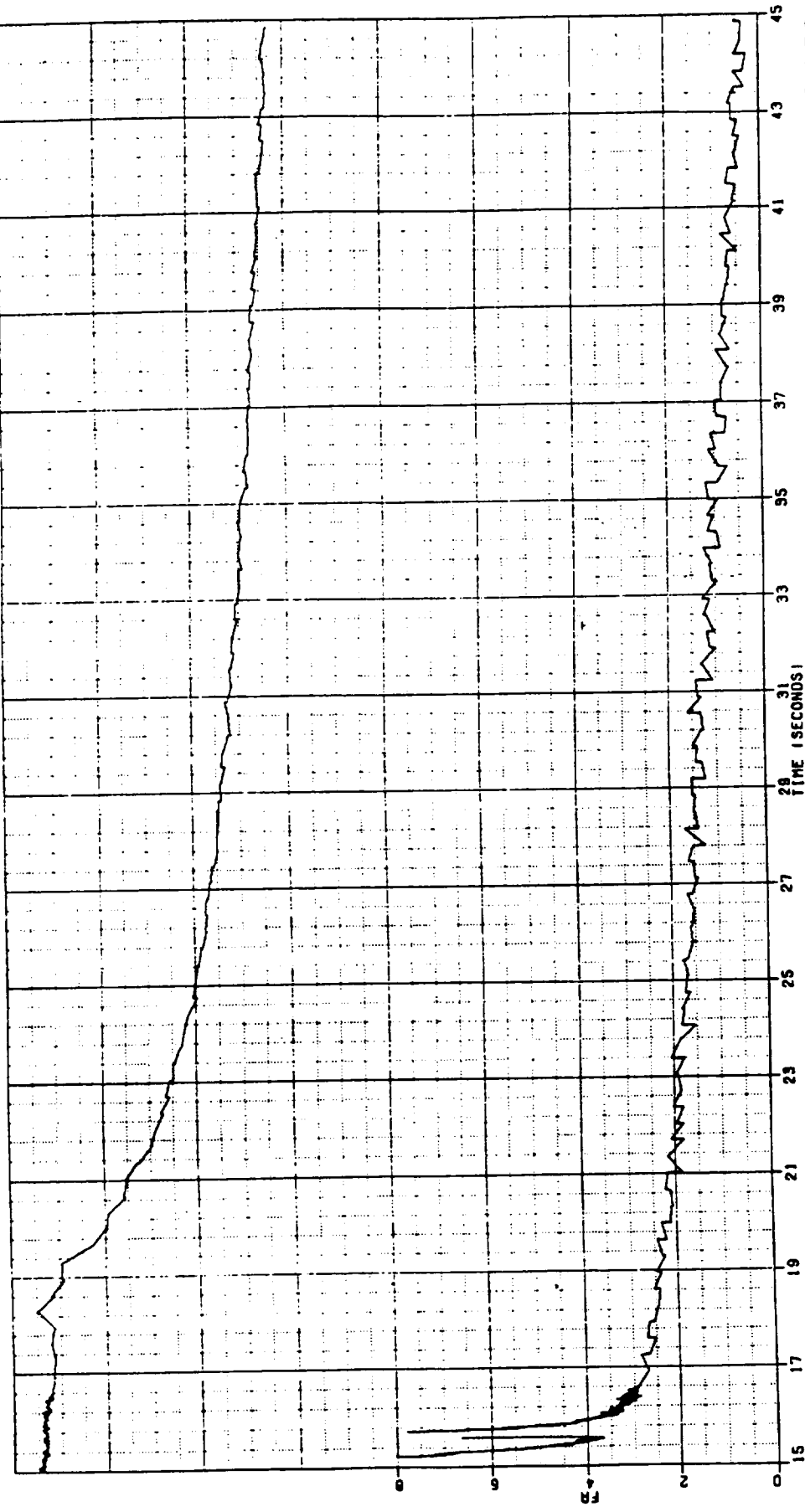
REARJET PROPULSION PD 601 13212 SACRAMENTO 13013
PRINTED ON 03-31-94



LXD1-D02-0A-102 DATE 09-20-94 0157 HRS
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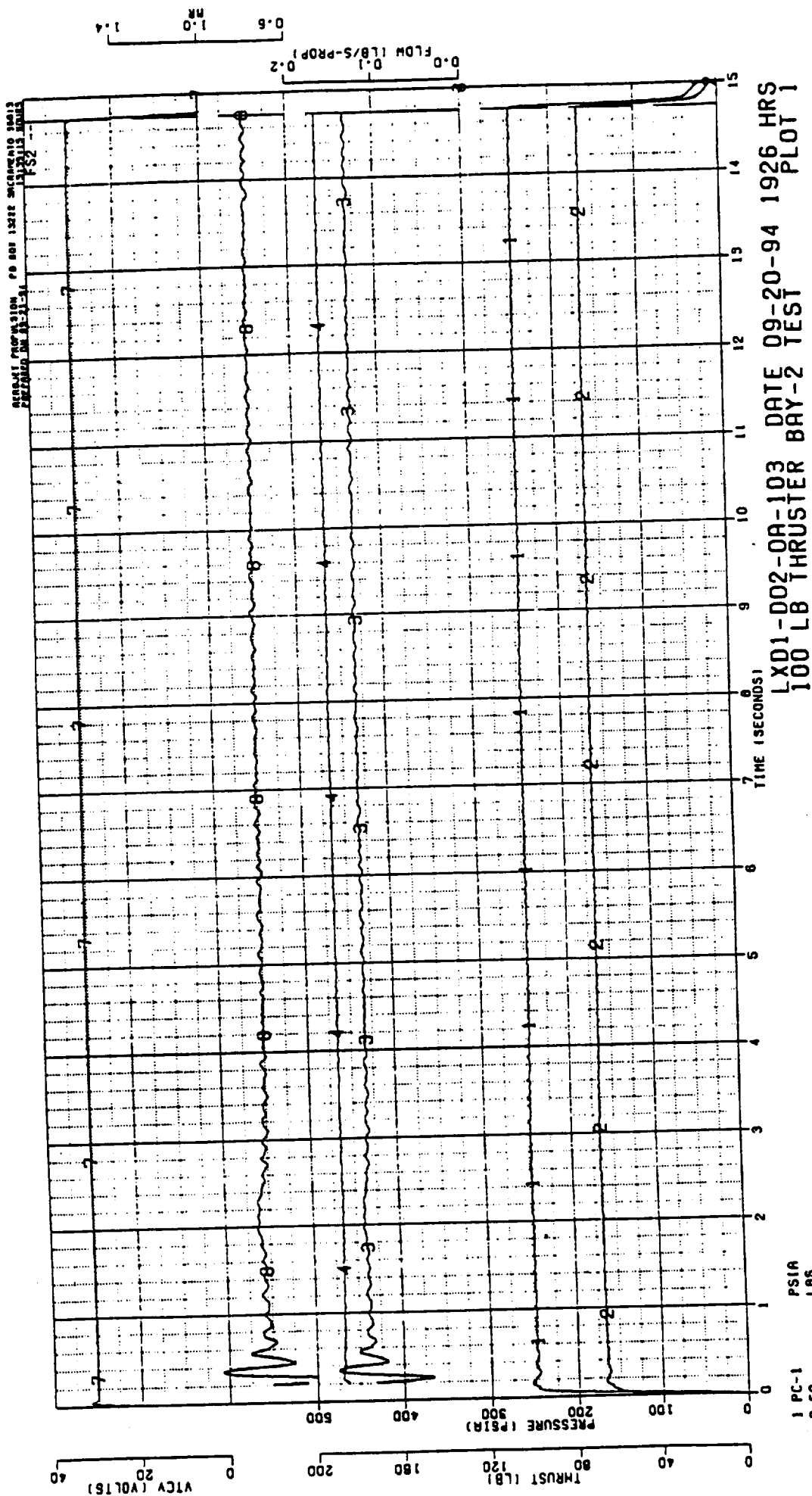
FR TMMO
LBS
DEO F

PROJECT PROPULSION PD 801 13222 MCORRENT 95013
FILMED ON 03-21-91

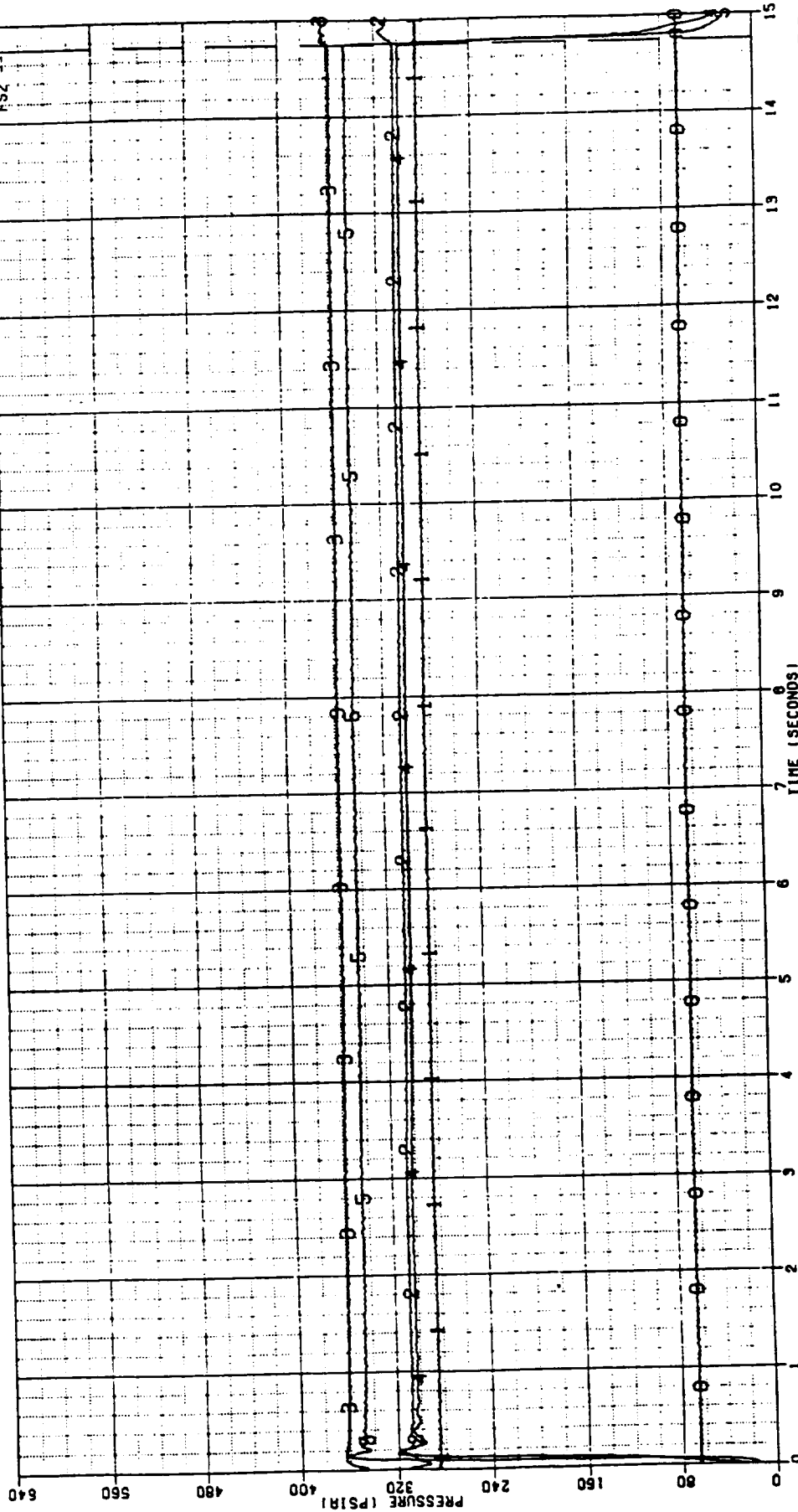


LXD1-002-0A-102 DATE 09-20-94 0157 HRS
100 LB THRUSTER BAY-2 TEST PLUT X-2

FA LBS
TNMO DEO F



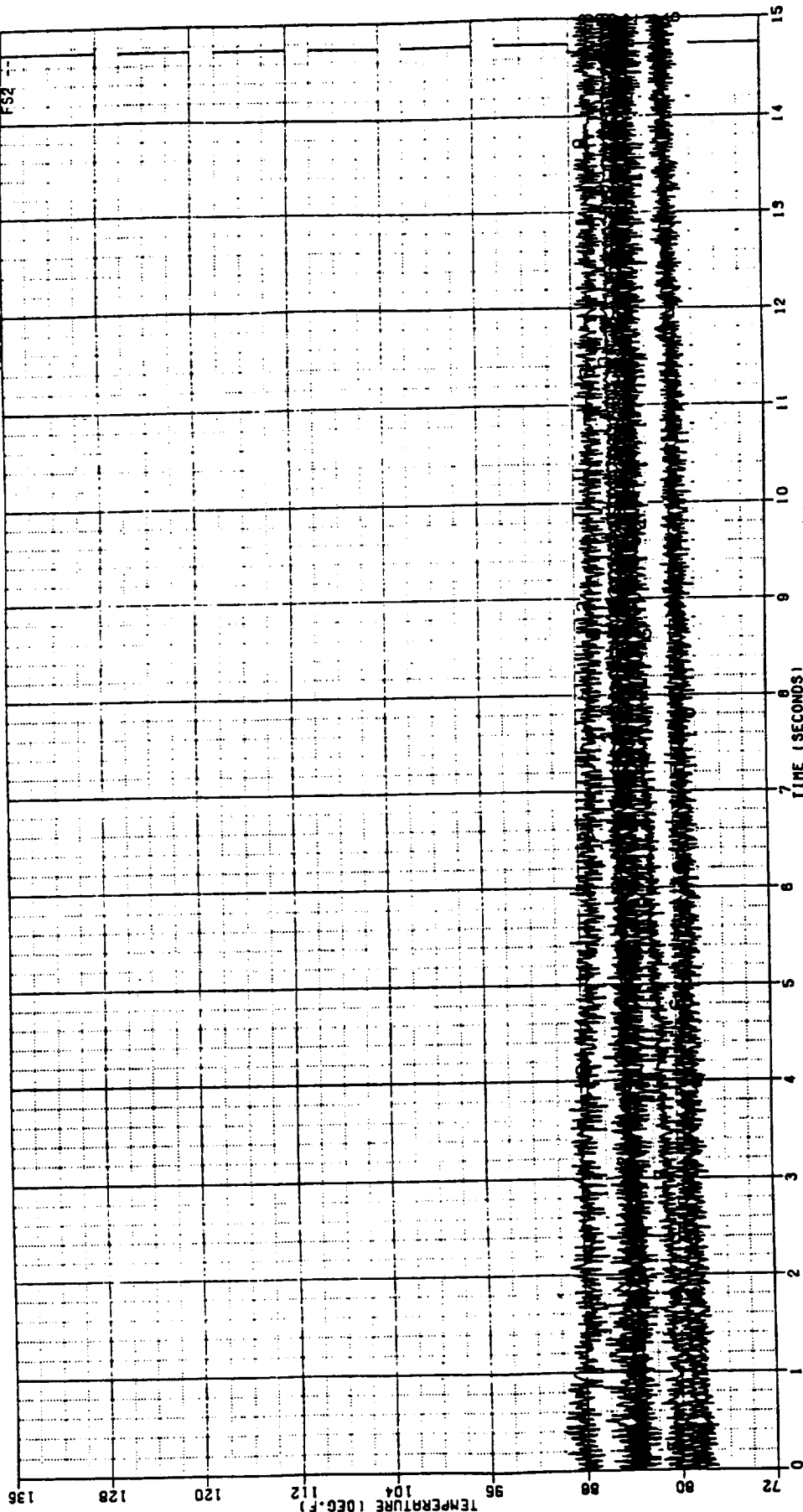
RECEIVED PROPOSITION PO BOX 13212 SACRAMENTO 95812
 131001Z APR 94
 PS2



LXD1-D02-0A-103 DATE 09-20-94 1926 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

0 POTS PSIA
 1 PFL PSIA
 2 PFL PSIA
 3 PFL PSIA
 4 PFL PSIA
 5 PFL PSIA
 6 PFL PSIA

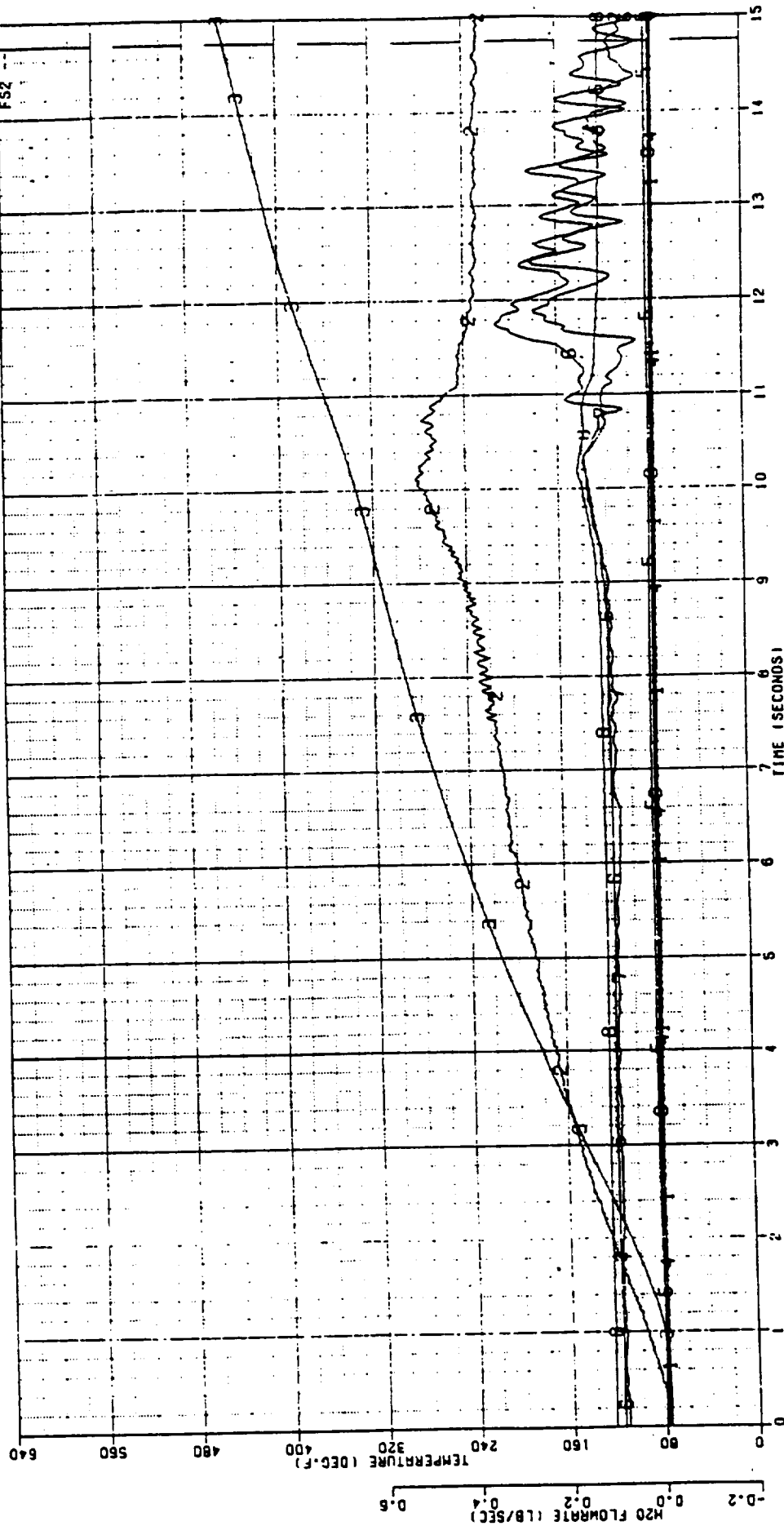
8800-017 PROPELLION PO BOX 12012 WACOMM, MS 39012
 PREPARED BY 48-21-31



LX01-D02-0A-103 DATE 09-20-94 1926 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

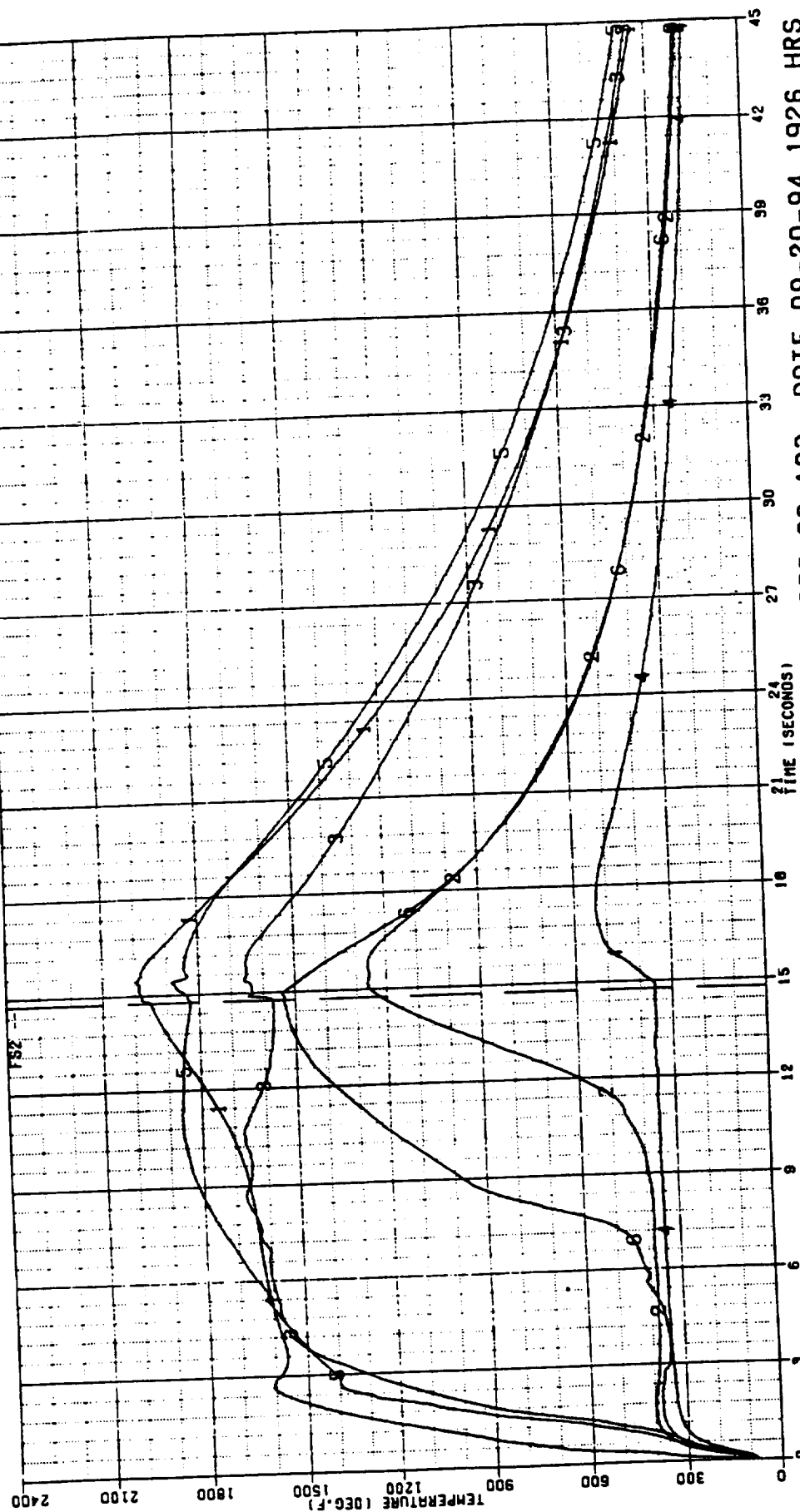
0 TOFM	DEG F	7 TCELL	DEG F
1 TFFM	DEG F		
2 TOV	DEG F		
3 TFVI	DEG F		
4 TJ8-1	DEG F		
5 TJ8-2	DEG F		
6 TJ8-3	DEG F		

ALBUQUERQUE, NM 87105 13272 INCREMENTS 13013
 PREPARED BY 13-23-34
 PS2



LXD1-002-0A-103 DATE 09-20-94 1926 HRS
 100 LB THRUSTER BAY-2 TEST
 PLOT 4

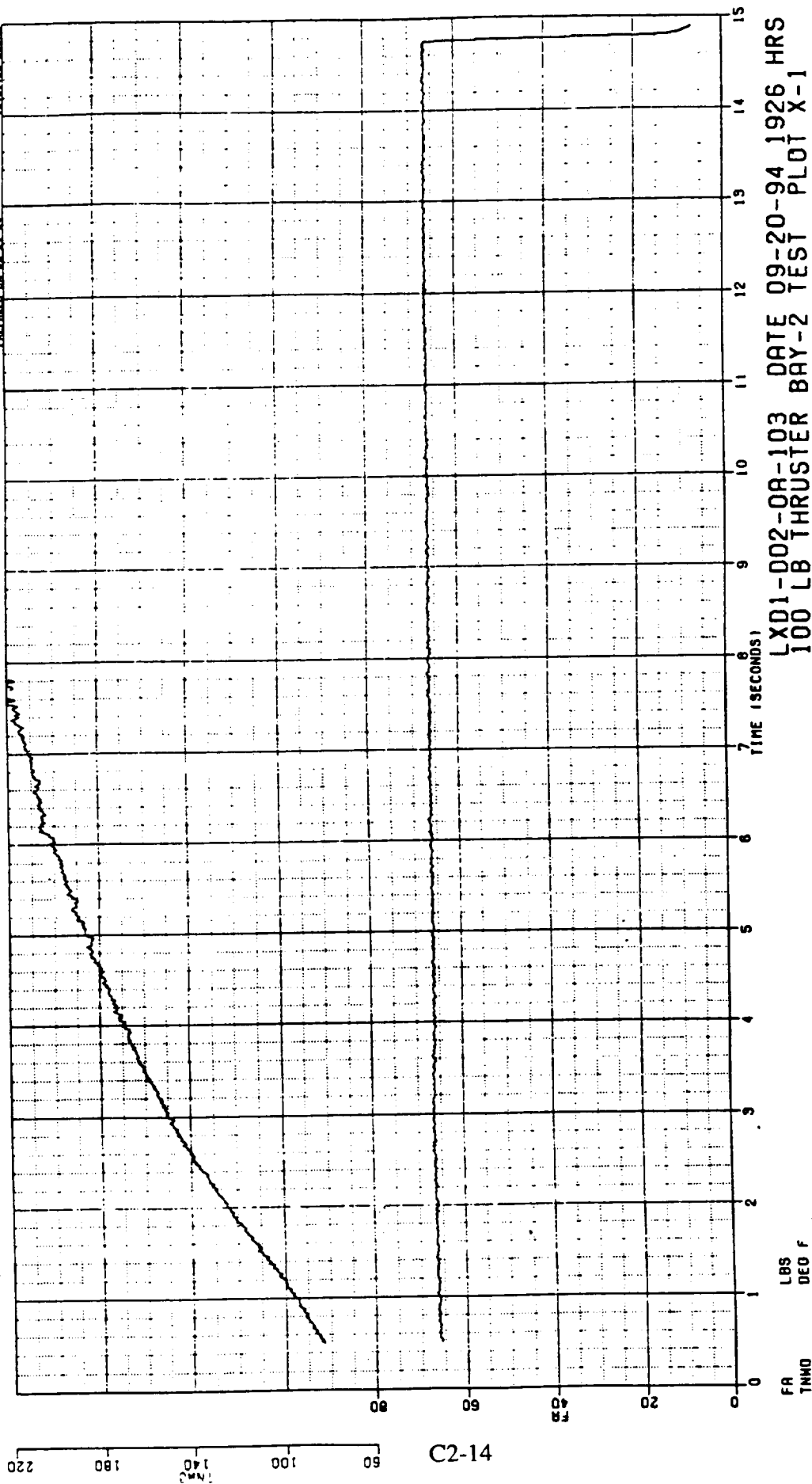
- | | | |
|---------|---------|------|
| 1 TMI | 8 FMN-1 | LB-W |
| 2 TMI | 9 FMN-2 | LB-W |
| 3 TMI | | |
| 4 TMI | | |
| 5 TMI | | |
| 6 FMN-1 | | |
| 7 FMN-2 | | |



LXD1-D02-0A-103 DATE 09-20-94 1926 HRS
100 LB THRUSTER BAY-2 TEST PLOT 6

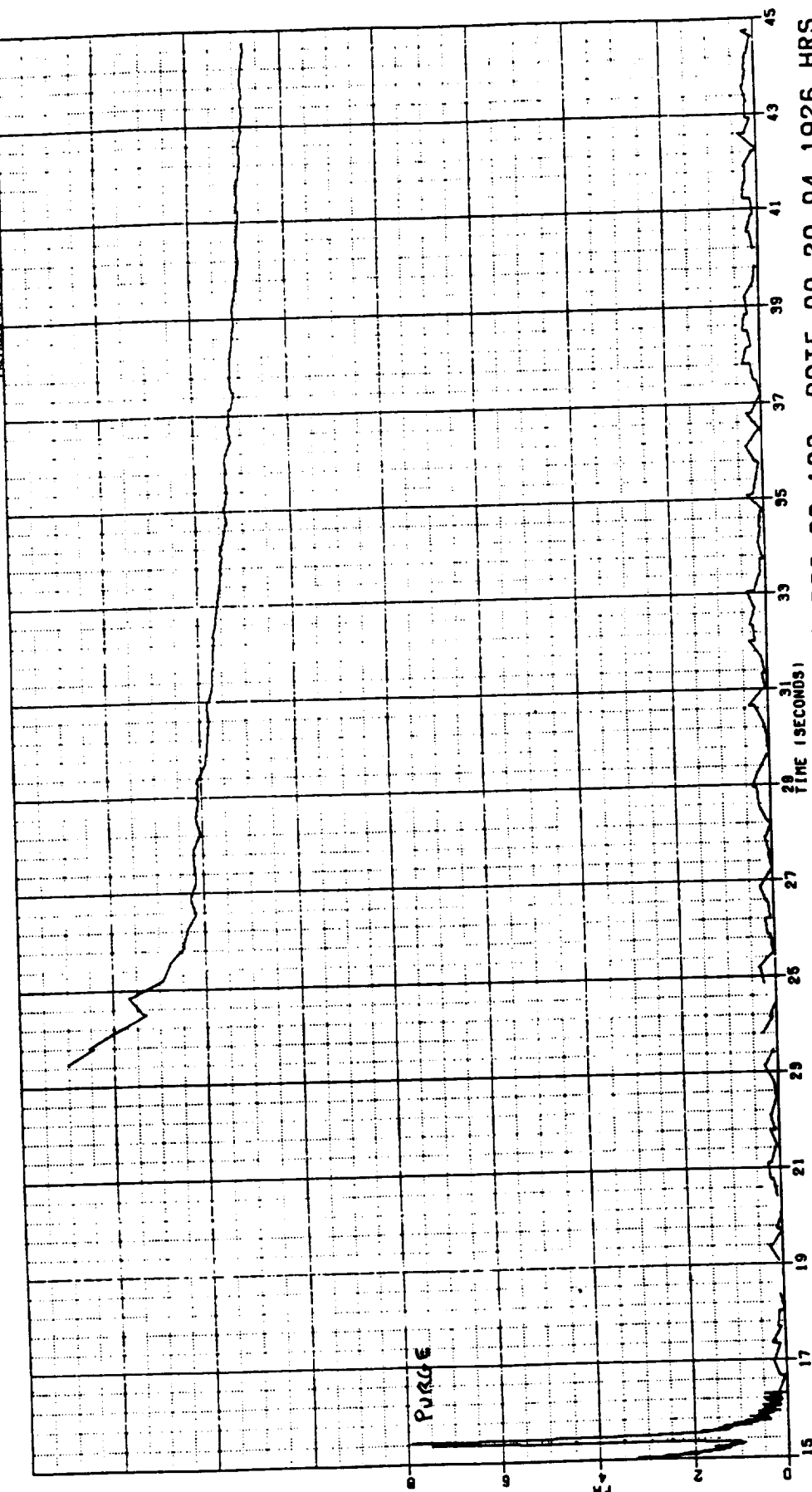
1	TH-1	DEO F
2	TH-2	DEO F
3	TH-3	DEO F
4	TH-4	DEO F
5	TH-5	DEO F
6	TH-6	DEO F

REPORT PROVISION PO BOX 132122 SACRAMENTO 95812
PREPARED ON 05-21-94 131512Z NOV93



LX01-D02-0A-103 DATE 09-20-94 1926 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-1

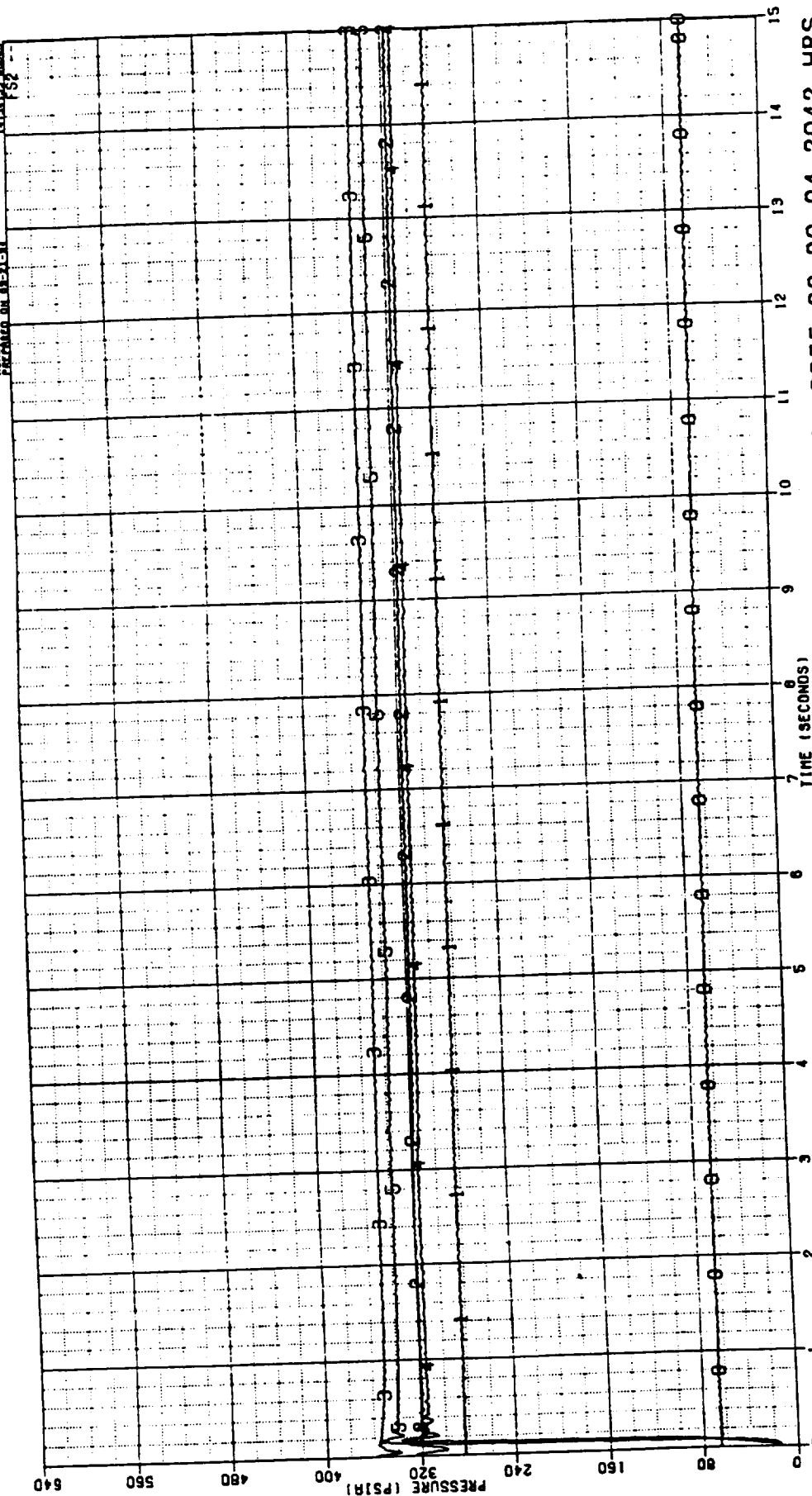
PROJECT PROPOSITION PD 801 12112 INCREMENT 00013
PRINTED ON 05-21-94



LXD1-D02-0A-103 DATE 09-20-94 1926 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-2

FA TNMO
L88 DEO F

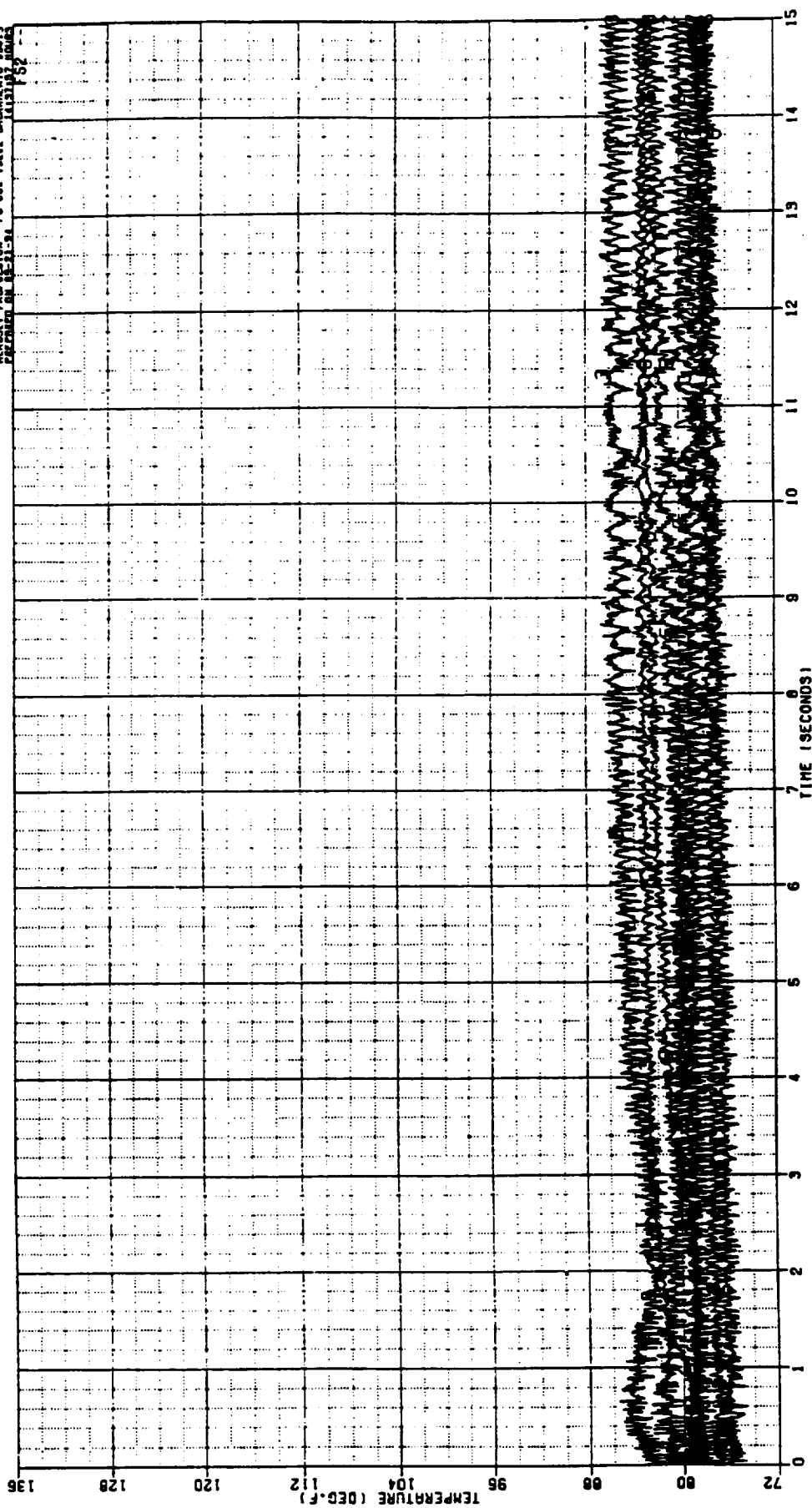
RECORD PREPARED BY: PG 801 152122 ZNOV0000 15013
 PREPARED BY: 151313Z ADU12
 FS2



LX01-D02-0A-104 DATE 09-20-94 2042 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

- 0 POTS
- 1 PFTF
- 2 POL-1
- 3 PFL
- 4 POJ
- 5 PFJ
- PSIA
- PSIA
- PSIA
- PSIA
- PSIA

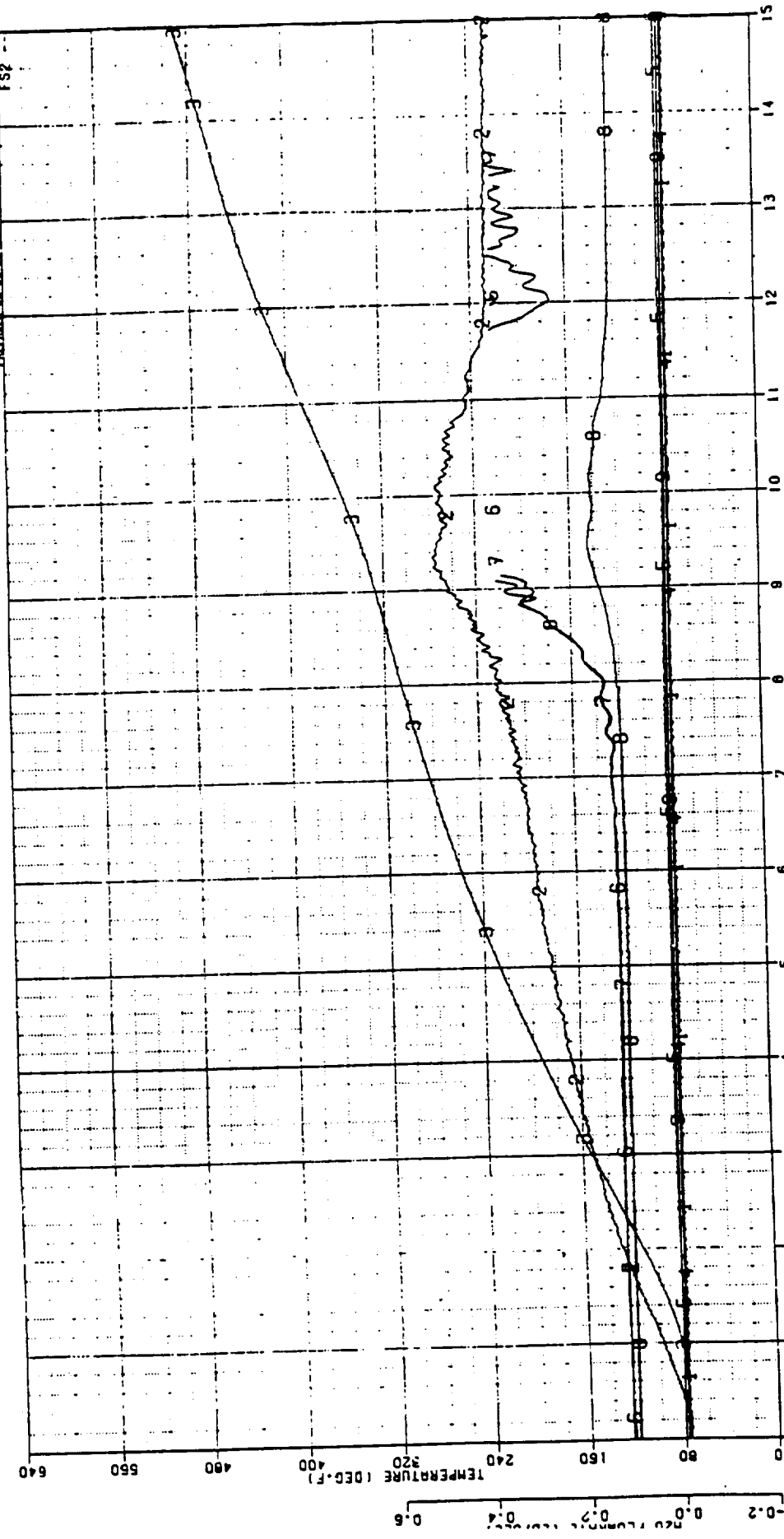
REPORT PREPARED BY: PO BOX 12212 WASHINGTON DC 20012
 RECEIVED ON: 11-21-94
 F82



LXD1-002-0A-104 DATE 09-20-94 2042 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

- 0 TOFM
- 1 TFFM
- 2 TOV
- 3 TFVI
- 4 TJ8-1
- 5 TJ8-2
- 6 TJ8-3
- DEG F
- DEG F
- DEG F
- DEG F
- DEG F
- DEG F
- DEG F
- 7 TCELL
- DEG F

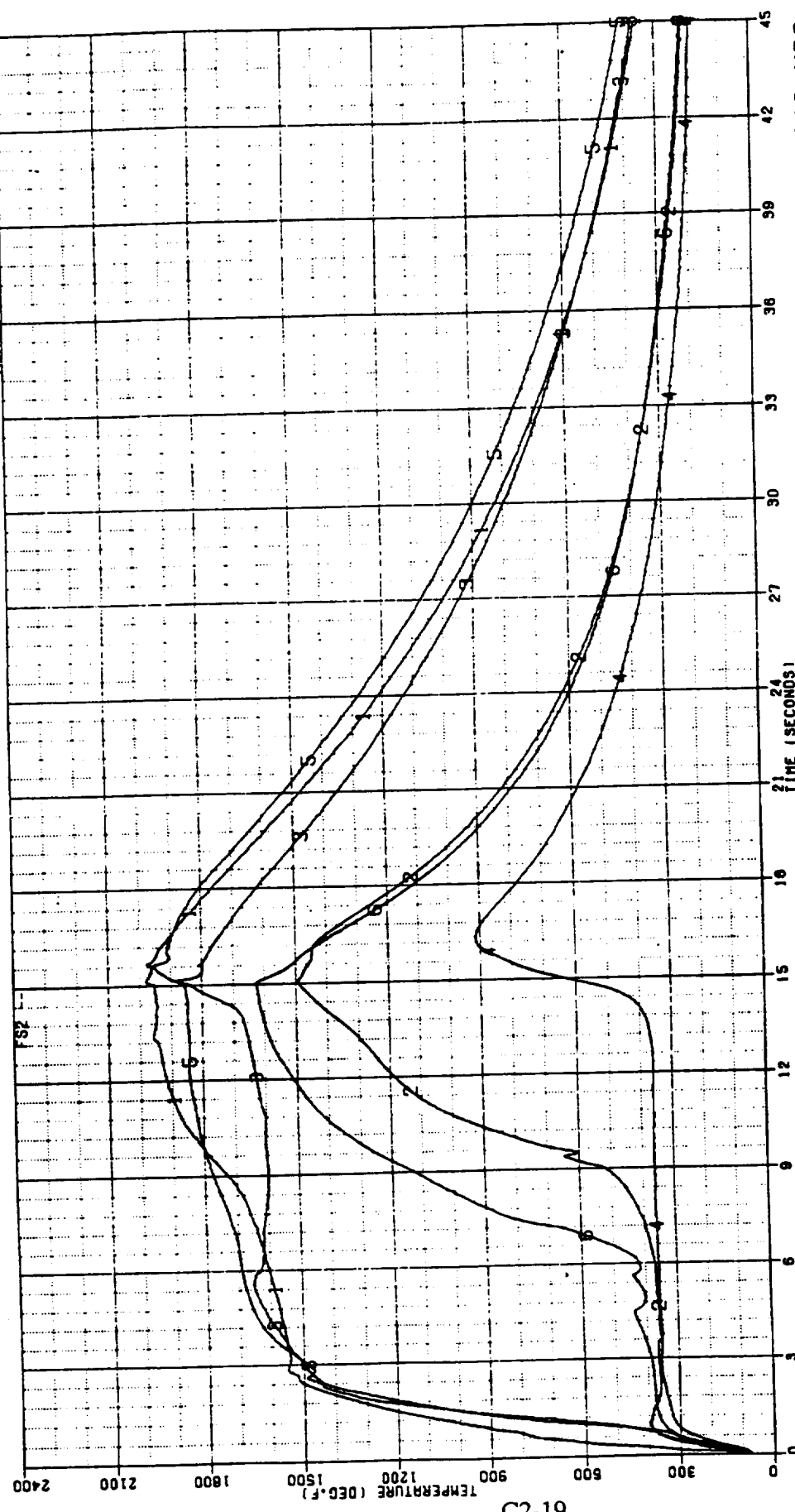
PROJECT PROPOSITION PO BOX 13212 SACRAMENTO 95812
 CALIFORNIA 95812-0012



LXD1-D02-0A-104 DATE 09-20-94 2042 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

- | | | | |
|----------|-------|----------|------|
| 1 TINI | DEG F | 8 FMIM-1 | LB-M |
| 2 TINO | DEG F | 9 FMIM-2 | LB-M |
| 3 TINI-1 | DEG F | | |
| 4 TINI | DEG F | | |
| 5 TINO | DEG F | | |
| 6 FMIM-1 | LB-M | | |
| 7 FMIM-2 | LB-M | | |

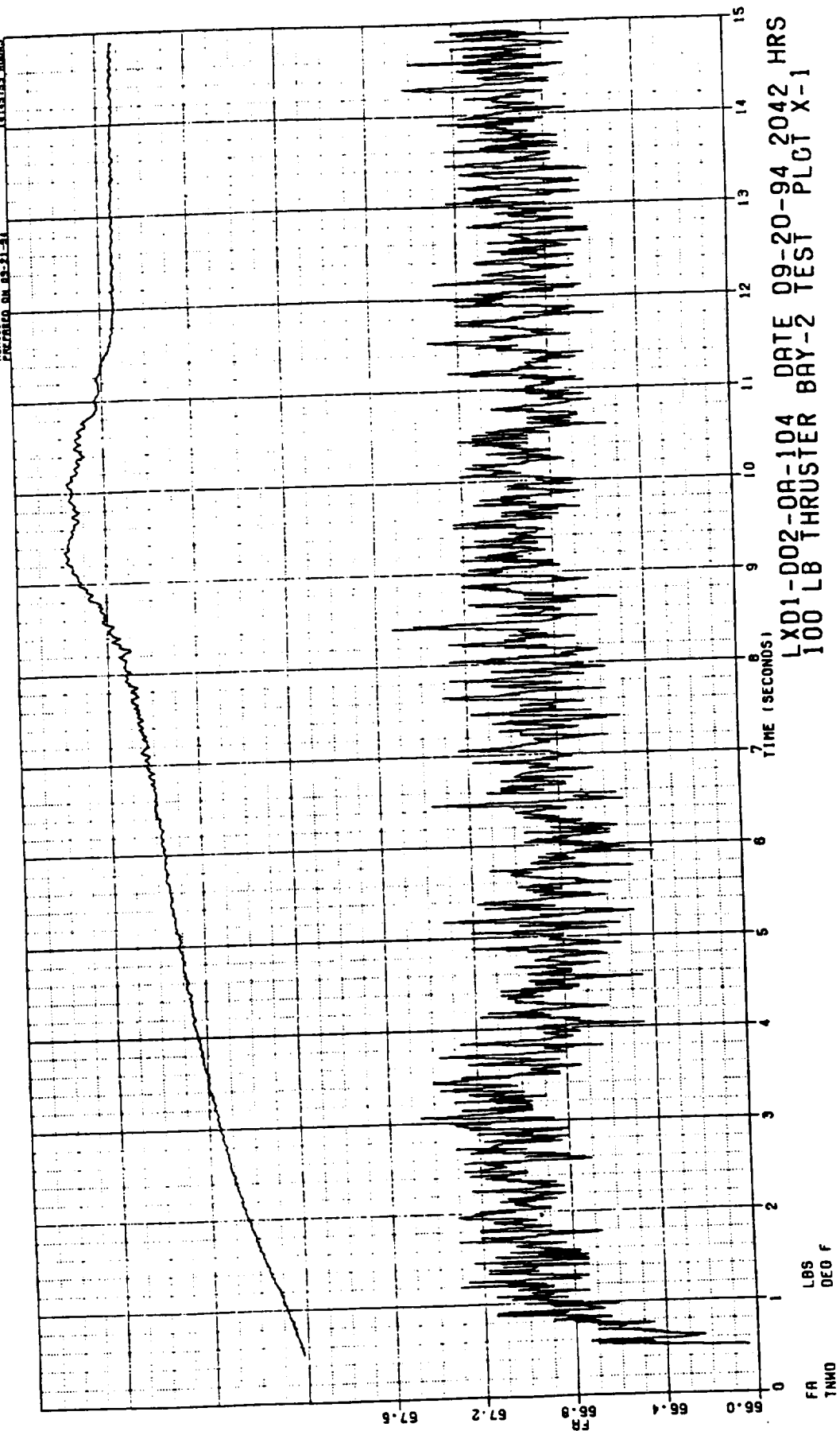
ORCAJET PROPULSION PO 601 13122 INCORPORATED 50012
 PREPARED BY 4143118 MOLE



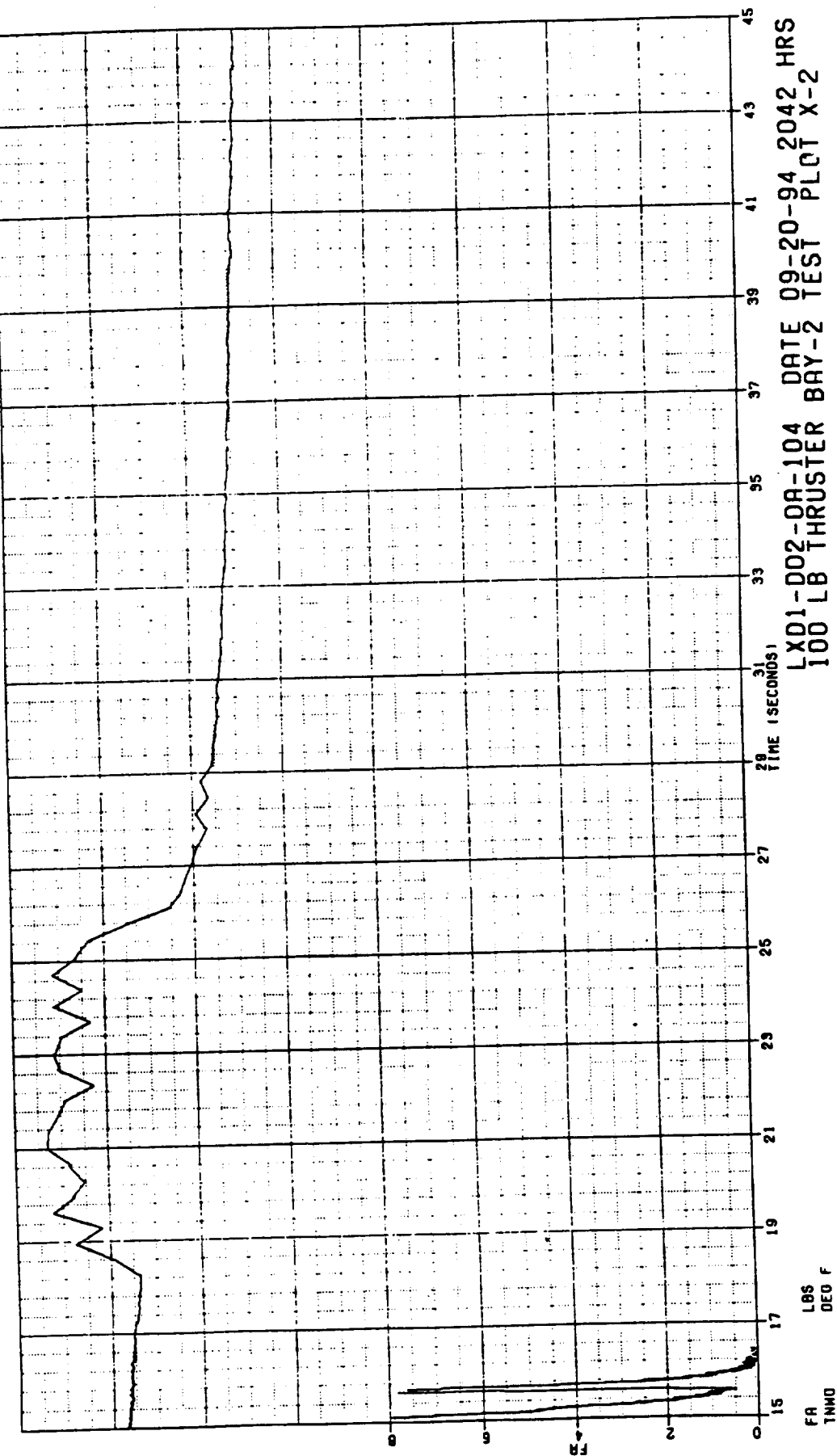
LXDI-002-0A-104 DATE 09-20-94 2042 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 6

- 1 TH-1 DEG F
- 2 TH-2 DEG F
- 3 TH-3 DEG F
- 4 TH-4 DEG F
- 5 TH-5 DEG F
- 6 TH-8 DEG F

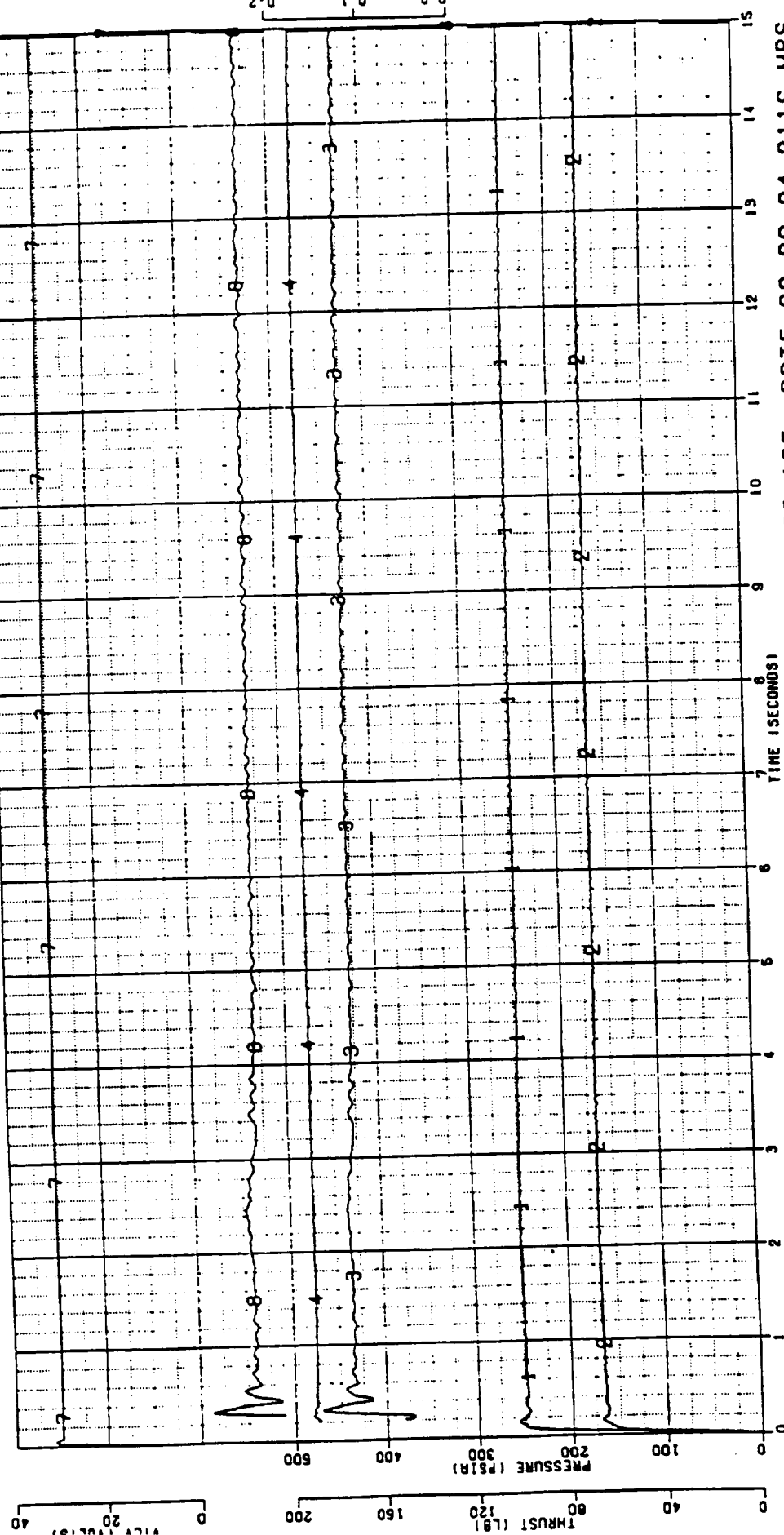
RECEIVED PARADISE, PO BOX 12222 SACRAMENTO 95812
PRINTED ON 12-21-81 1410313Z RM003



RECORD PROVISION, PO BOX 12222 INDIANAPOLIS IN 46212
PRINTED ON 11-1-81



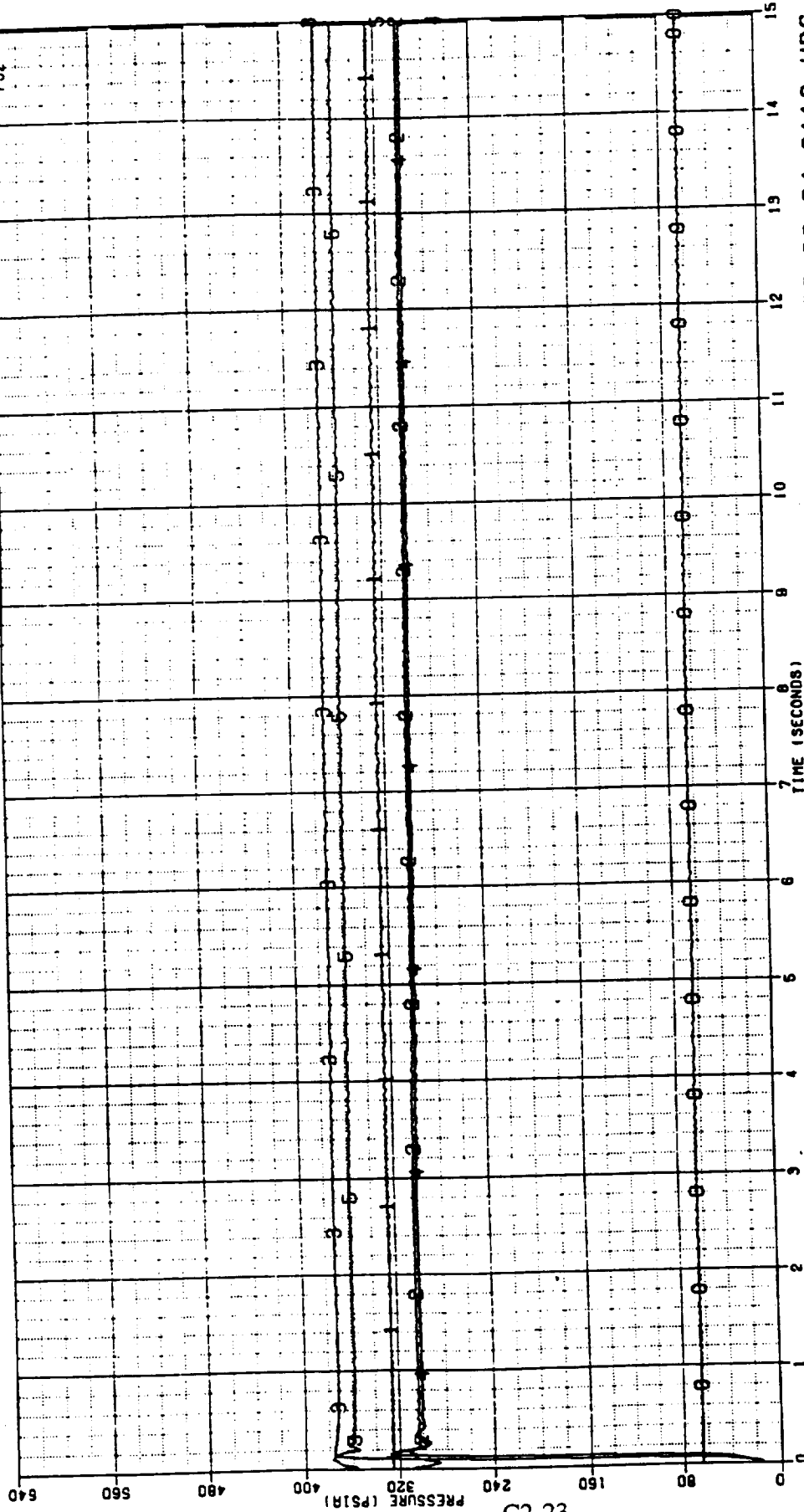
REMARK: PROGRAM 1001 130122 00000000 000000
 130122 00000000 000000



LXD1-D02-0A-105 DATE 09-20-94 2116 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 1

- 1 PC-1 PSIA
- 2 FA LBS
- 3 NO TURB FM LB/SEC-P
- 4 WF TURB FM LB/SEC-P
- 7 VTCV VOLTS
- 8 MR TURB FM

RESOLUT PROVISION PO 001 13022 200000000 00013
 PREPARED BY 1121331 ADUS
 PS2



LXD1-002-0A-105 DATE 09-20-94 2116 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

0 POTS PSIA
 1 PFTF PSIA
 2 POL-1 PSIA
 3 PFL PSIA
 4 POF PSIA
 6 PFF PSIA

LDST
LXD1-D02-0A-105 DATE 09-20-94 2116 HRS
100 LB THRUSTER BAY-2 TEST PLOT 3

DEF F

7 TCELL

DEF

OFM

FFM

QV
FV!

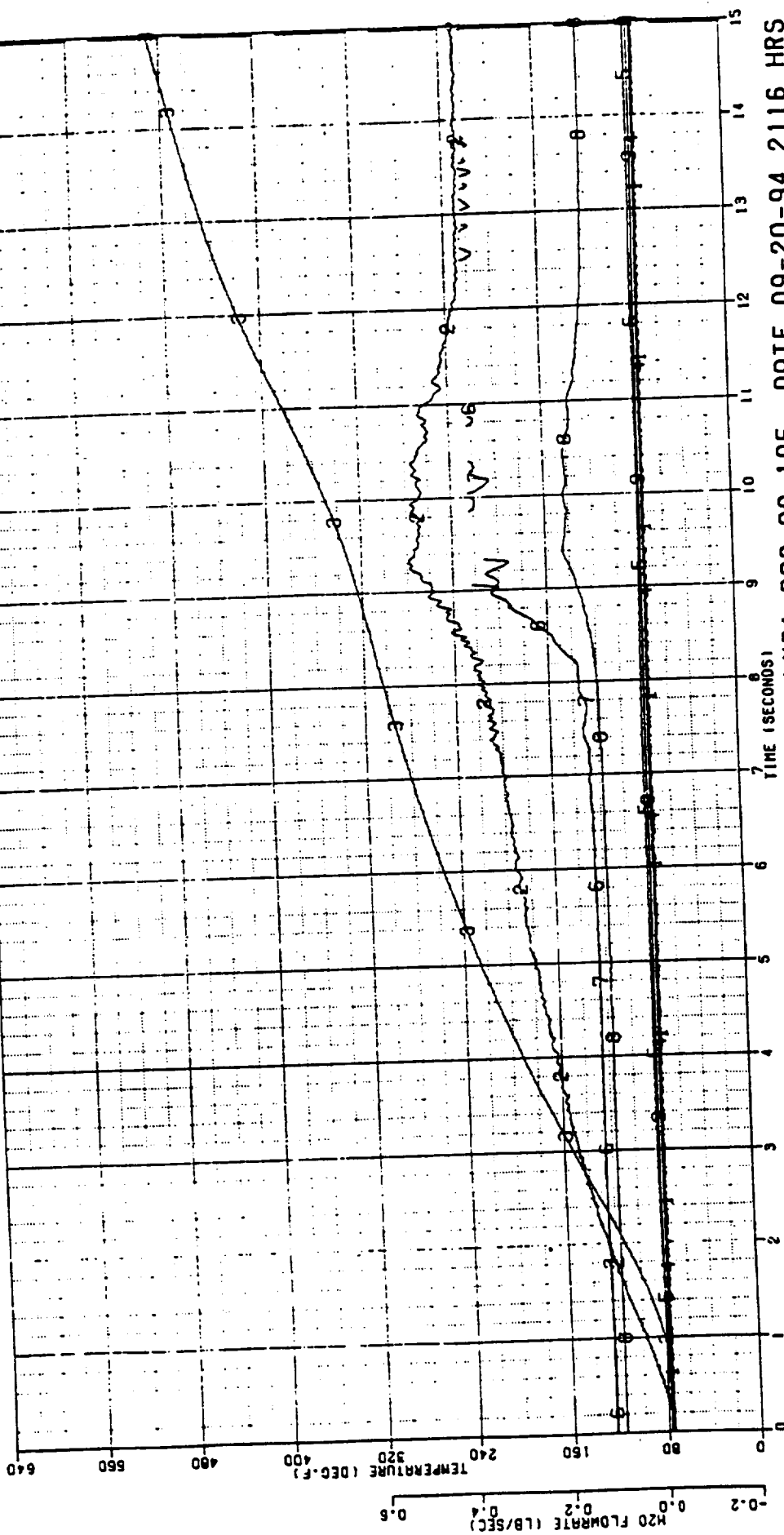
18-1

J8-2

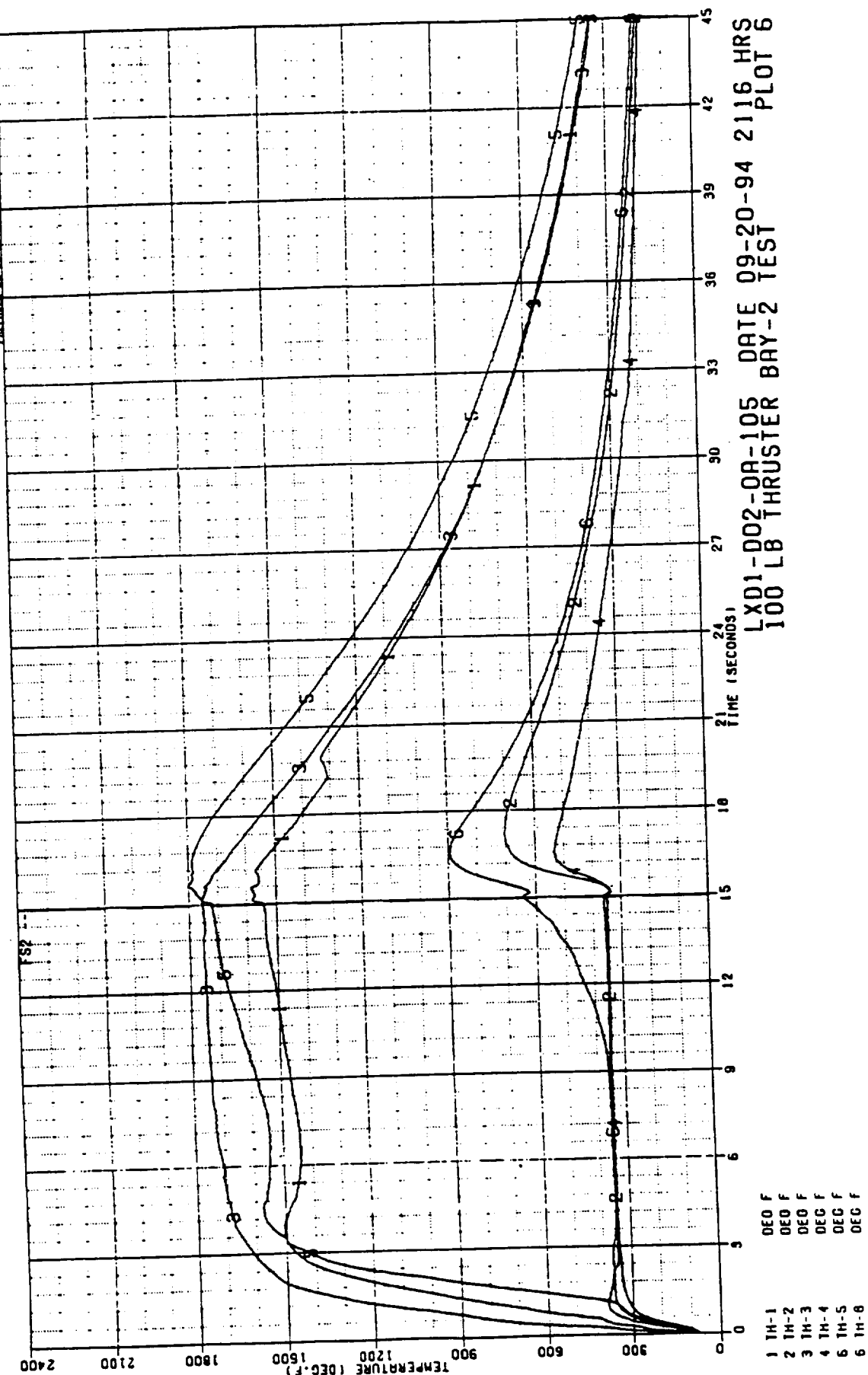
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C2-24

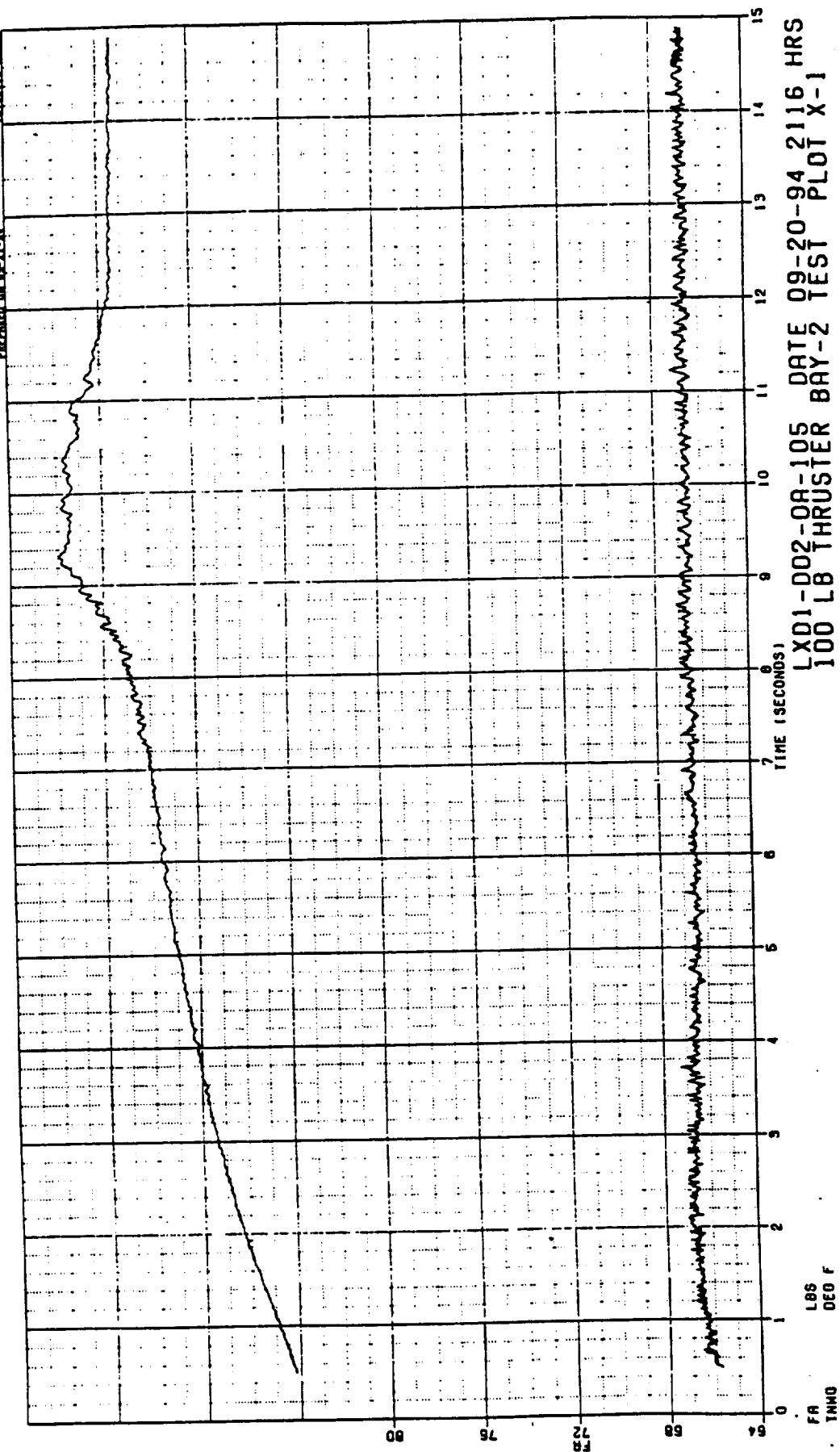
100 LB THRUSTER
 DATE 09-20-94
 2116 HRS
 PLOT 4



PROJECT PROPOSITION, PG 808 13212 AMCANDHIS 15013
 PREPARED ON 15-11-51 151512Z 1951



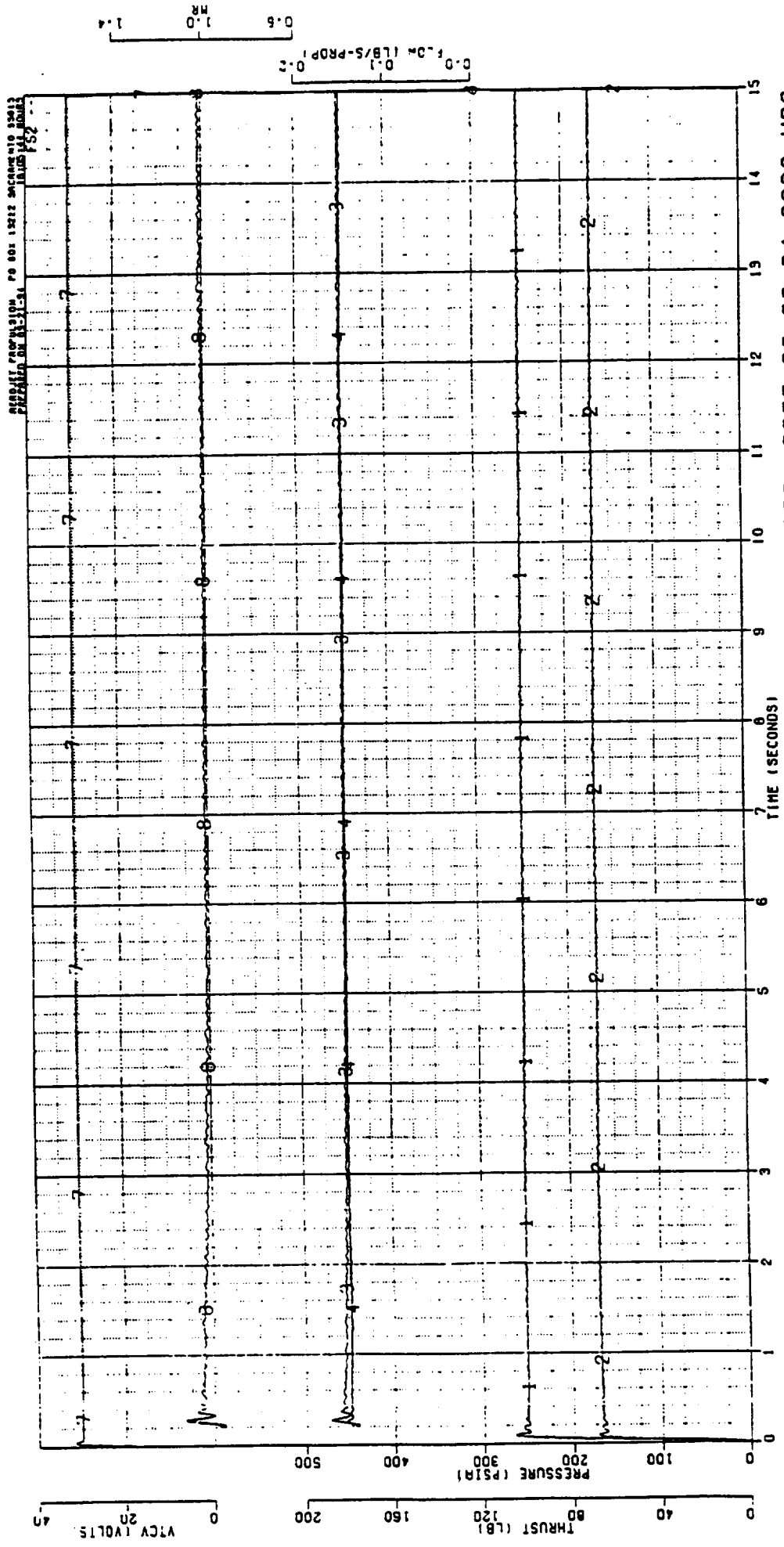
REPORT PREPARED BY: PG 801 13212 200000010 03013
 PREPARED ON: 82-11-81 131311Z 8000Z



LXD1-DD2-0A-105 DATE 09-20-94 2116 HRS
 100 LB THRUSTER BAY-2 TEST PLOT X-1

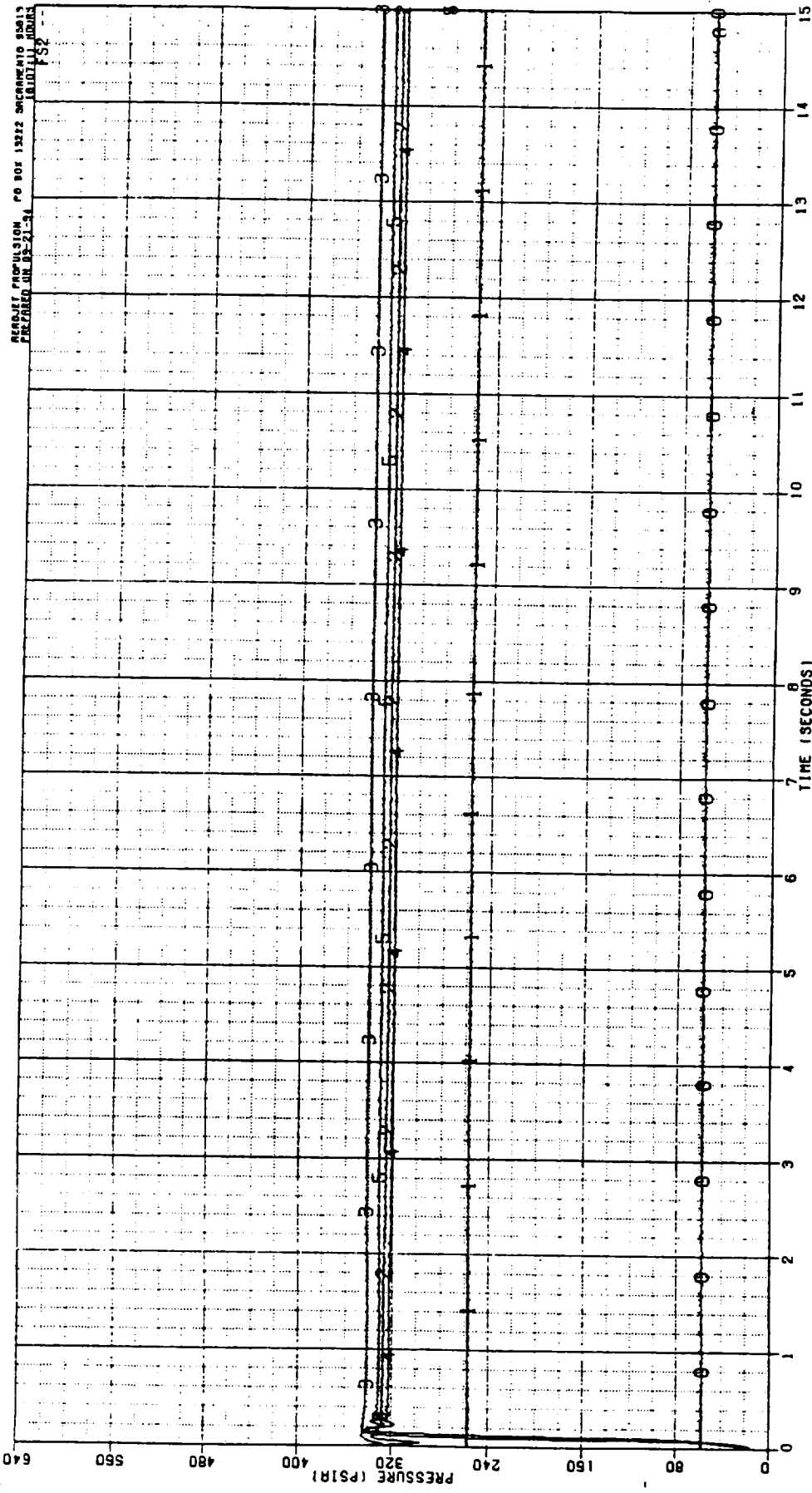
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211420



LXD1-D02-0A-106 DATE 09-20-94 2200 HRS
100 LB THRUSTER BAY-2 TEST PLOT 1

REQUEST FOR PULSION PO BOX 13222 SACRAMENTO 95813
 PREPARED ON 03-21-94
 152



LXD1-DC2-0A-106 DATE 09-20-94 2200 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

- 0 POTS PSIA
- 1 PFTIR PSIA
- 2 POL-1 PSIA
- 3 PFL PSIA
- 4 POJ PSIA
- 5 PFJ PSIA

Temperature (DEG. F.)

Time (HOURS)

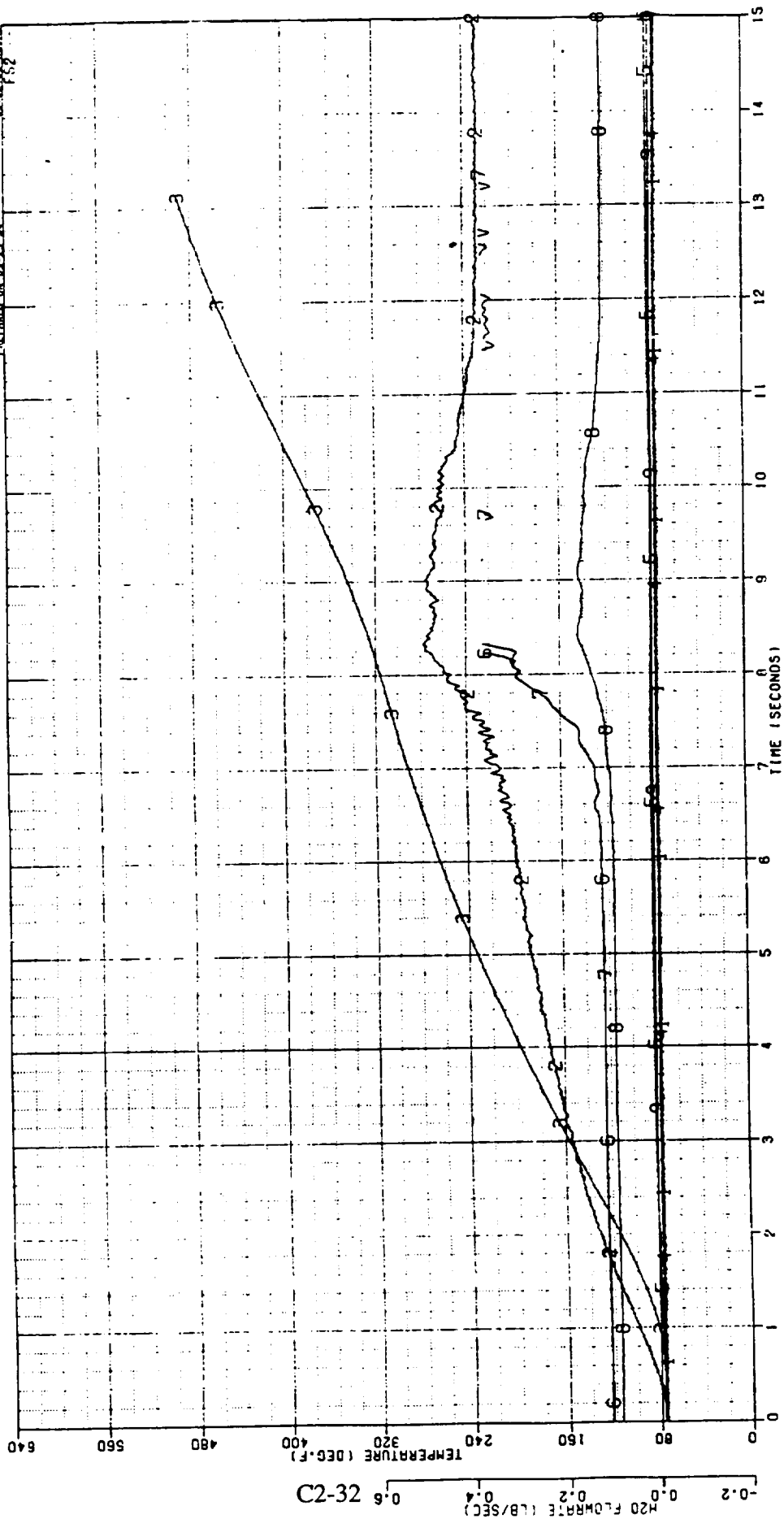
72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 102 104 106 108 110 112 114 116 118 120 122 124 126 128 130 132 134 136

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

LXD1-002-0A-106 DATE 09-20-94 2200 HRS
1100 LB THRUSTER BAY-2 TEST PLOT 3

0	TOFM	DEO F
1	TFFM	DEO F
2	TOV	DEO F
3	TFVI	DEO F
4	IJB-1	DEO F
5	IJB-2	DEO F
6	IJB-3	DEO F

PROJECT PROVISION PO 801 13212 SACRAMENTO 15013
 03 JUL 93 ADVIS

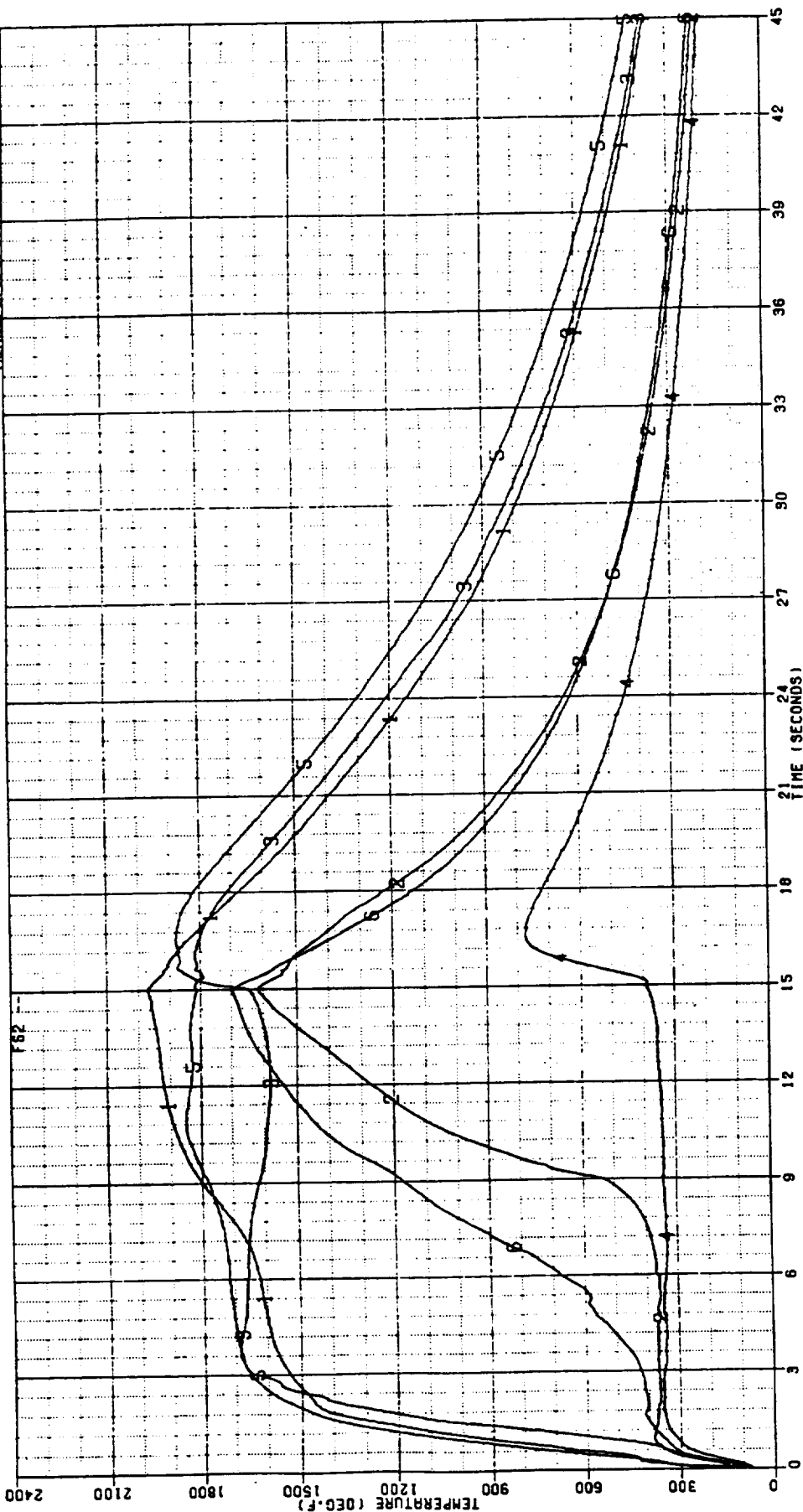


LXD1-002-0A-106 DATE 09-20-94 2200 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

1 TMI	DEG F	8 FMW-1	LB-W
2 TMI	DEG F	9 FMW-2	LB-W
3 TMI-1	DEG F		
4 TMI	DEG F		
5 TMI	DEG F		
6 FMW-1	LB-W		
7 FMW-2	LB-W		

C2-32

ACROBAT PROPULSION PO BOX 19212 SACRAMENTO 95812
 PREPARED ON 11-21-91



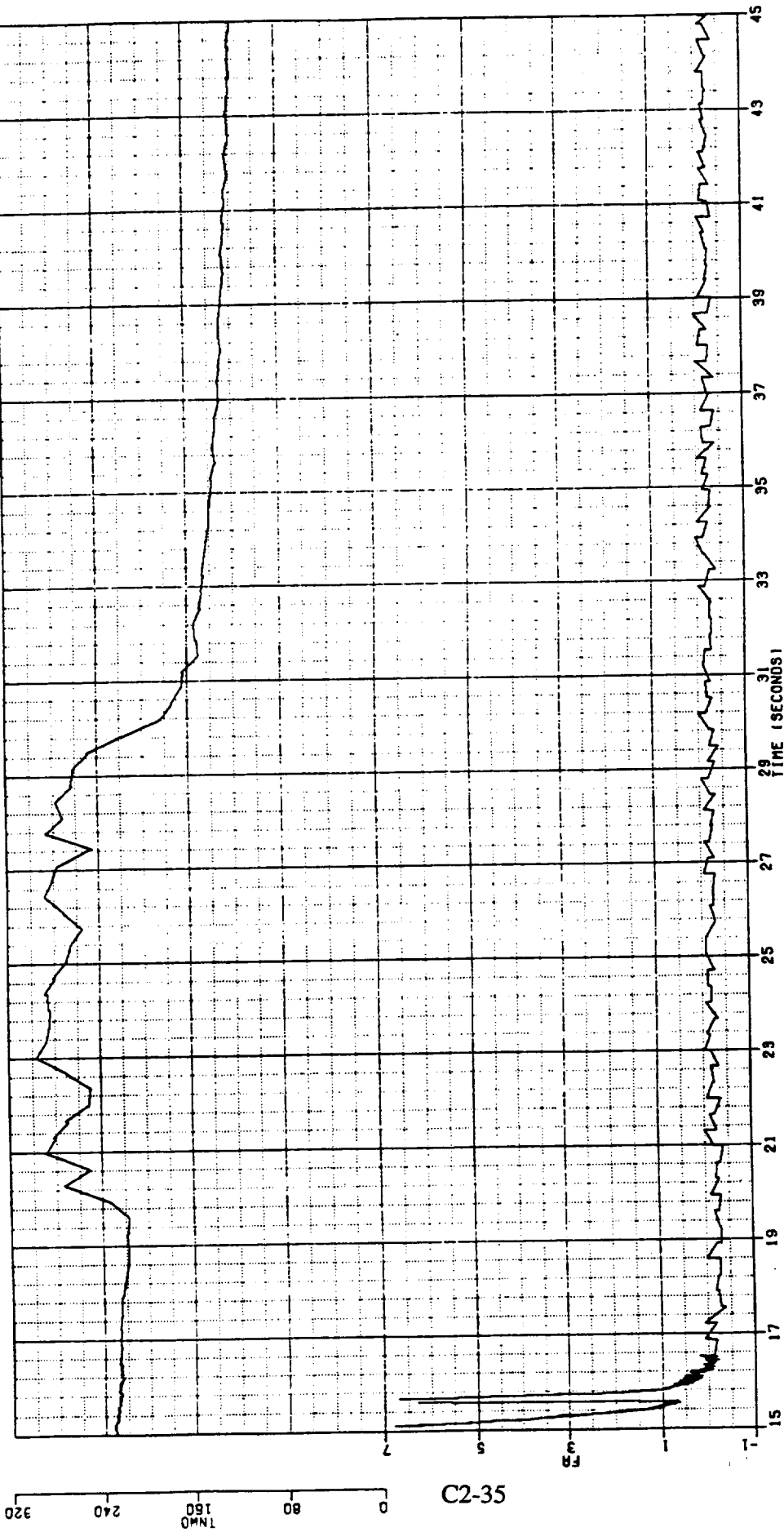
LXD1-D02-0A-106 DATE 09-20-94 2200 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 6

- 1 TH-1
- 2 TH-2
- 3 TH-3
- 4 TH-4
- 5 TH-5
- 6 TH-6
- DEO F
- DEO F
- DEO F
- DEO F
- DEO F
- DEO F

FA 72



HEADJET PRODUCTION PO 801 13222 SACRAMENTO 95012
PREPARED ON 08-21-94

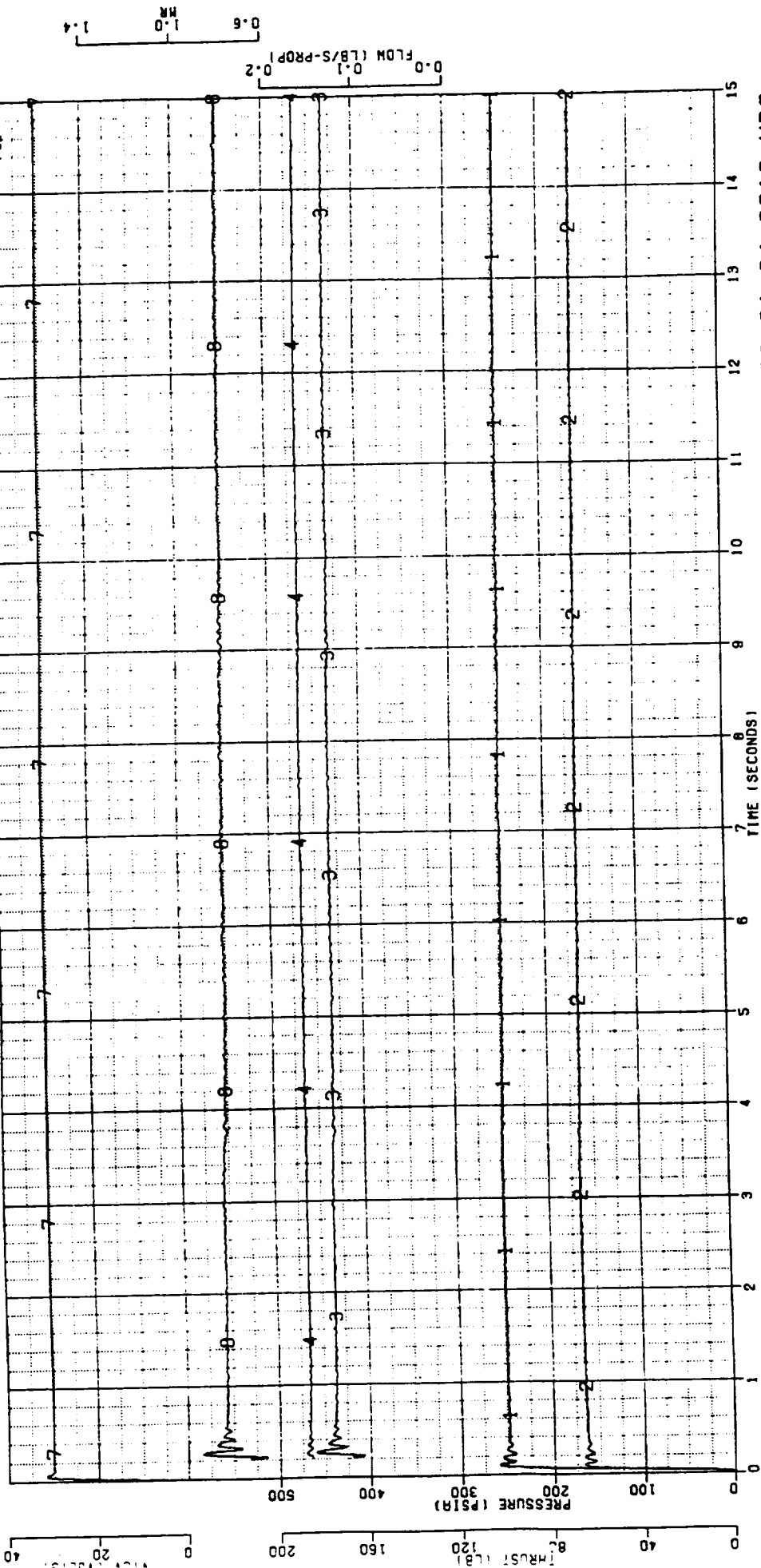


LXDI-D02-0A-106 DATE 09-20-94 2200 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-2

FR LBS
TNMO DEO F

C2-35

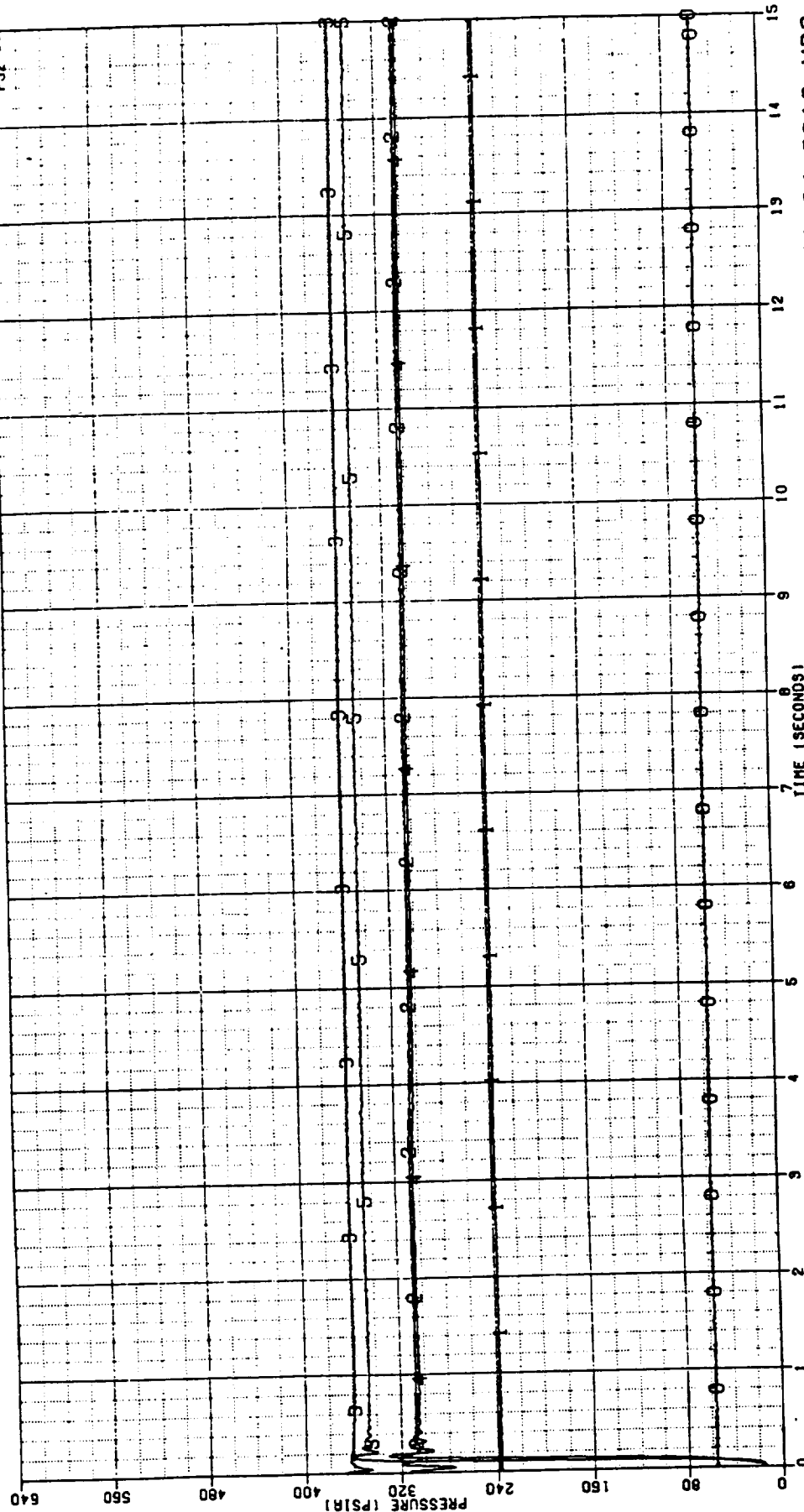
ACQUAT PUMPULSION PD 801 13212 SACRAMENTO 95013
 1816141 00003
 PRINTED ON 03-11-94



LXD1-D02-0A-107 DATE 09-21-94 0016 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 1

- 1 PC-1 PSIA
- 2 FA LBS
- 3 WD TURB FM LB/SEC-P
- 4 WF TURB FM LB/SEC-P
- 7 VTCV VOLTS
- 8 HR TURB FM

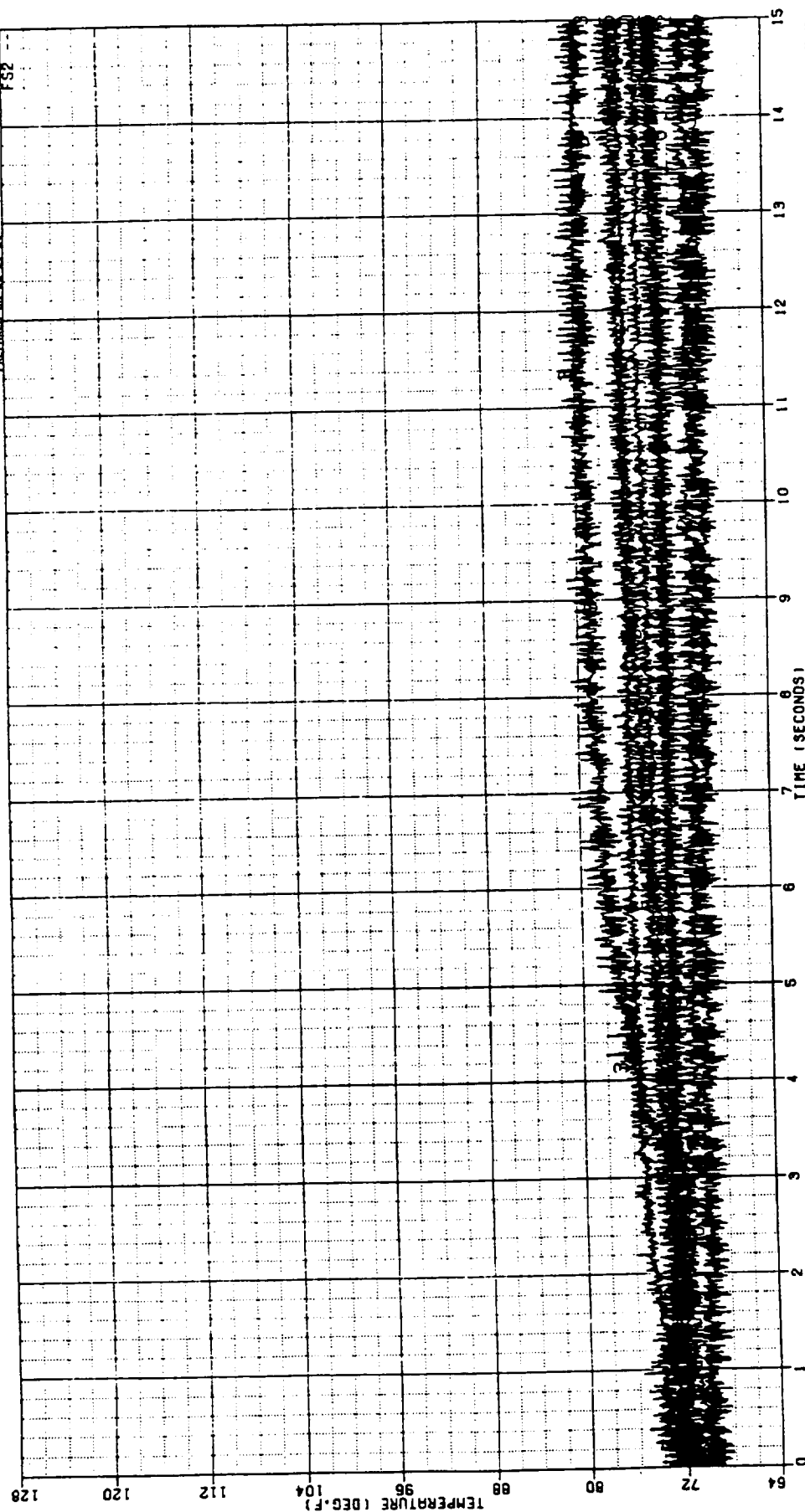
AIRCRAFT PROPULSION PO BOX 13212 SACRAMENTO 95813
 PREPARED ON 08-31-94



LXD1-002-0A-107 DATE 09-21-94 0016 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

- 0 POTS PSIA
- 1 PFTR PSIA
- 2 POL-1 PSIA
- 3 PFL PSIA
- 4 POJ PSIA
- 5 PFJ PSIA

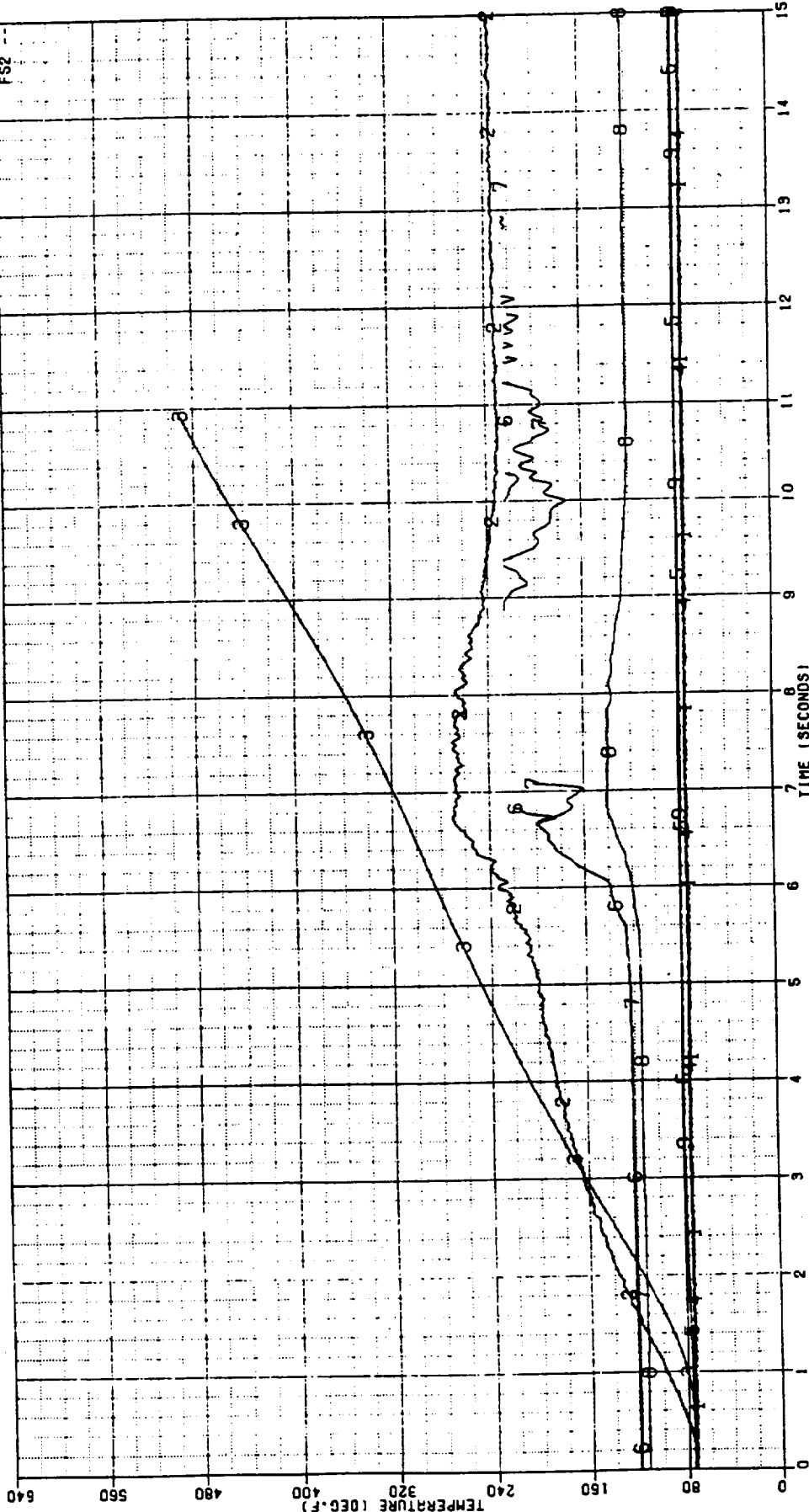
REPORT PROVISION P# 801 13212 SACRAMENTO 95013
 1813212 10000
 1813212 10000
 1813212 10000



LXD1-D02-0A-107 DATE 09-21-94 0016 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

- 0 TOFM DEG F
- 1 TFFM DEG F
- 2 TOV DEG F
- 3 TFVI DEG F
- 4 TJ8-1 DEG F
- 5 TJ8-2 DEG F
- 6 TJ8-3 DEG F
- 7 TCELL DEG F
- DEG F

PROJECT PROPOSITION PD 801 12212 ORCUMENTO 32413
 PREPARED ON 09-21-94
 152

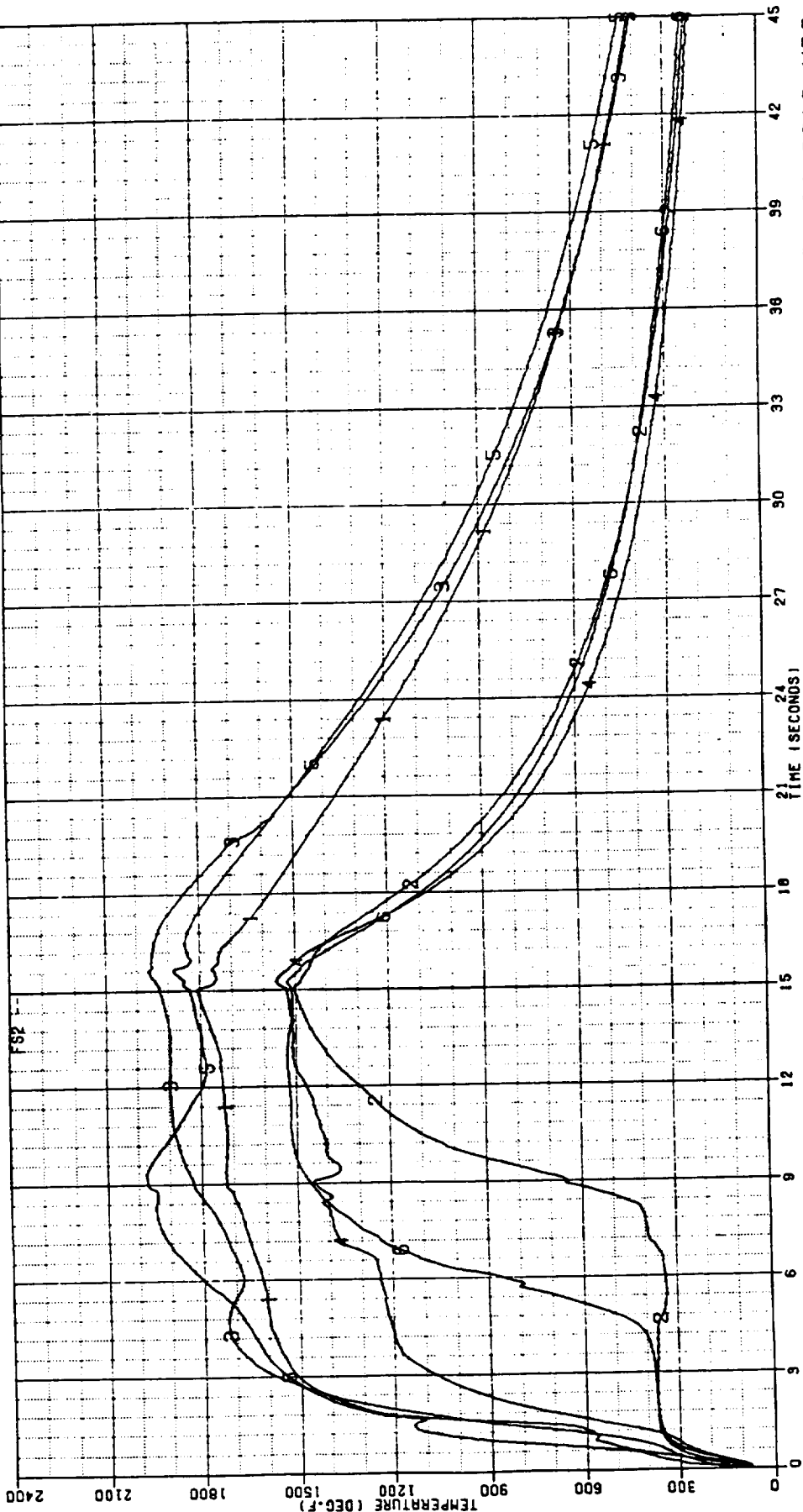


LXD1-002-0A-107 DATE 09-21-94 0016 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

- | | | | |
|----------|-------|----------|------|
| 1 TNM1 | DEG F | 8 FMNM-1 | LB-M |
| 2 TNM2 | DEG F | 9 FMNM-2 | LB-M |
| 3 TCN-1 | DEG F | | |
| 4 TTWI | DEG F | | |
| 5 TTWO | DEG F | | |
| 6 FTHM-1 | LB-M | | |
| 7 FTHM-2 | LB-M | | |

C2-39

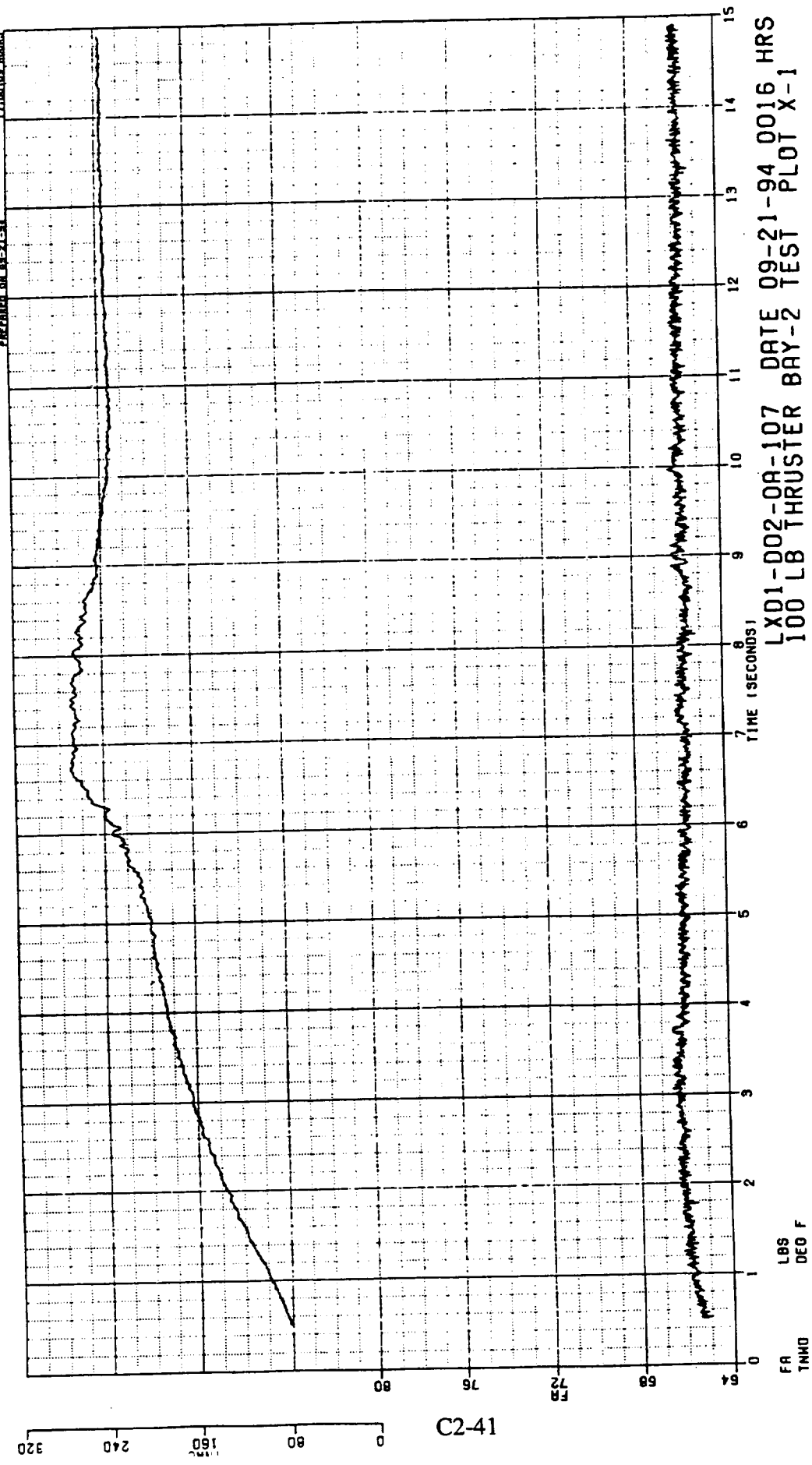
PROJECT PROPOSITION PO BOX 13222 SACRAMENTO 95813
 PREPARED ON 05-21-94



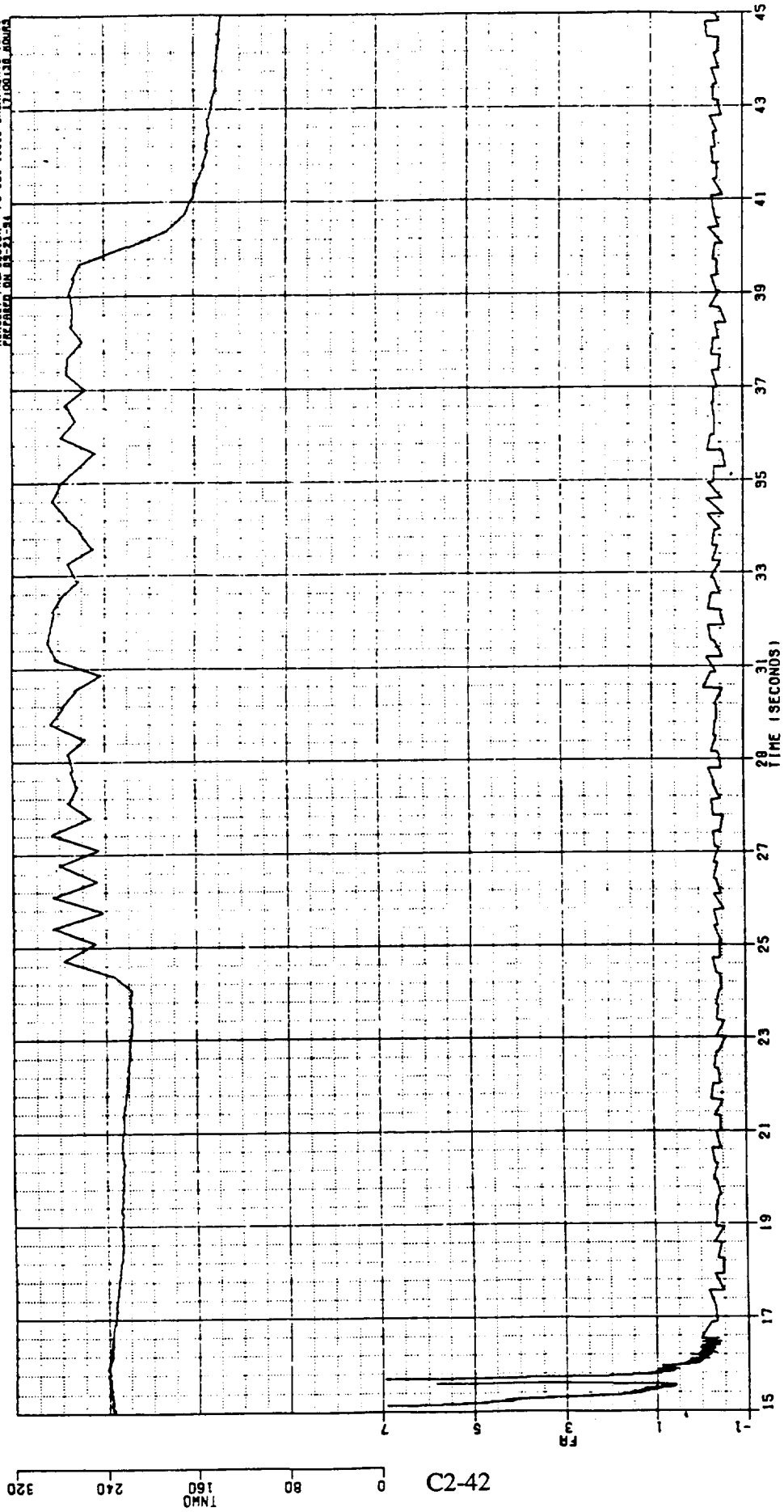
LXD1-D02-0A-107 DATE 09-21-94 0016 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 6

- 1 TH-1 DEG F
- 2 TH-2 DEG F
- 3 TH-3 DEG F
- 4 TH-4 DEG F
- 5 TH-5 DEG F
- 6 TH-6 DEG F

HEADJET PROVISION, PO BOX 13222 SACRAMENTO 95812
PREPARED BY: JCS-4 1700109 RMUR



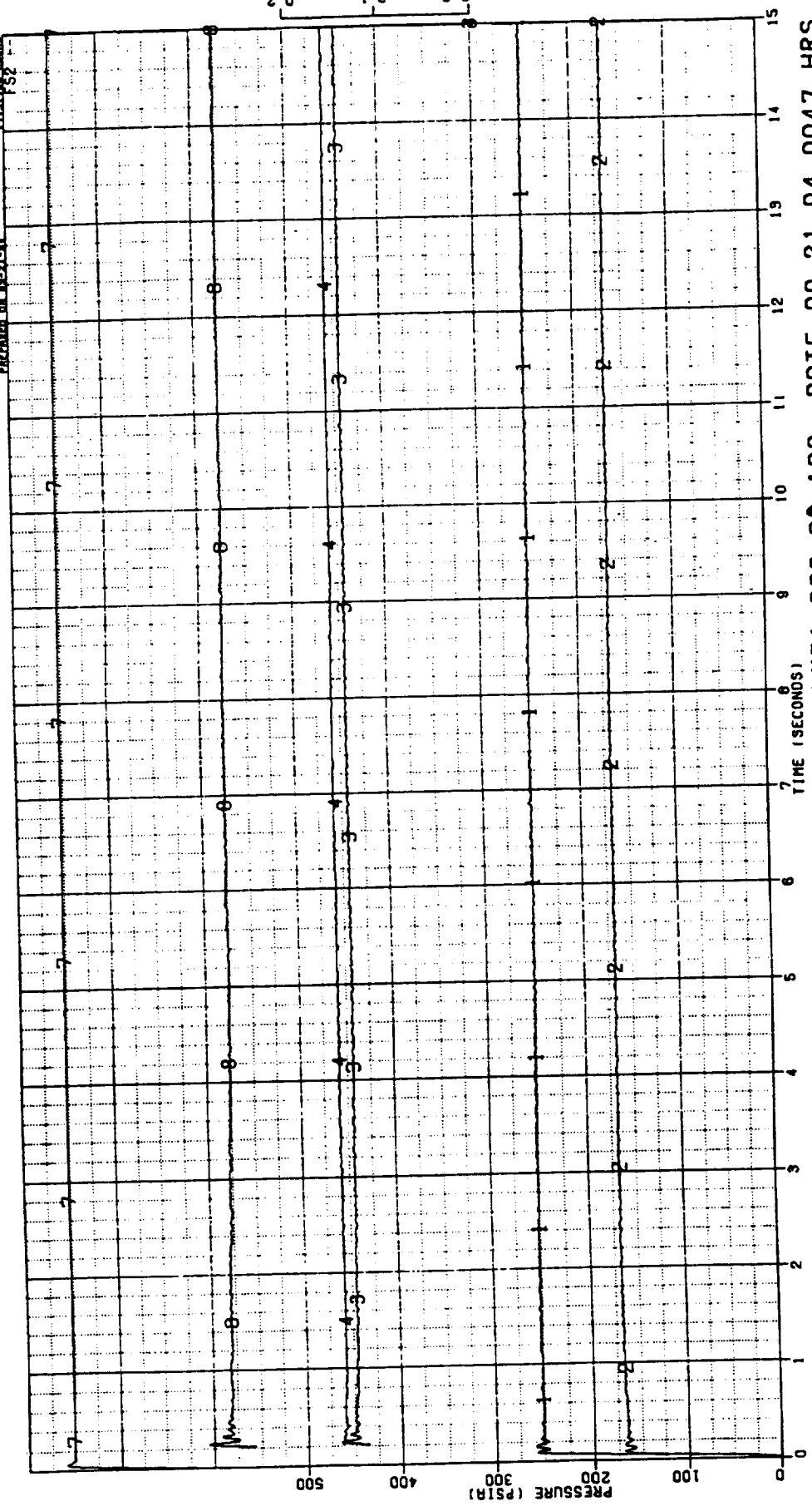
REPORT PREPARED BY: PO BOX 12012 SACRAMENTO 95812
PREPARED ON 11-21-94 11:00:18 AM



LXD1-DD2-0A-107 DATE 09-21-94 0016 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-2

FA TNMO
LBS DEO F

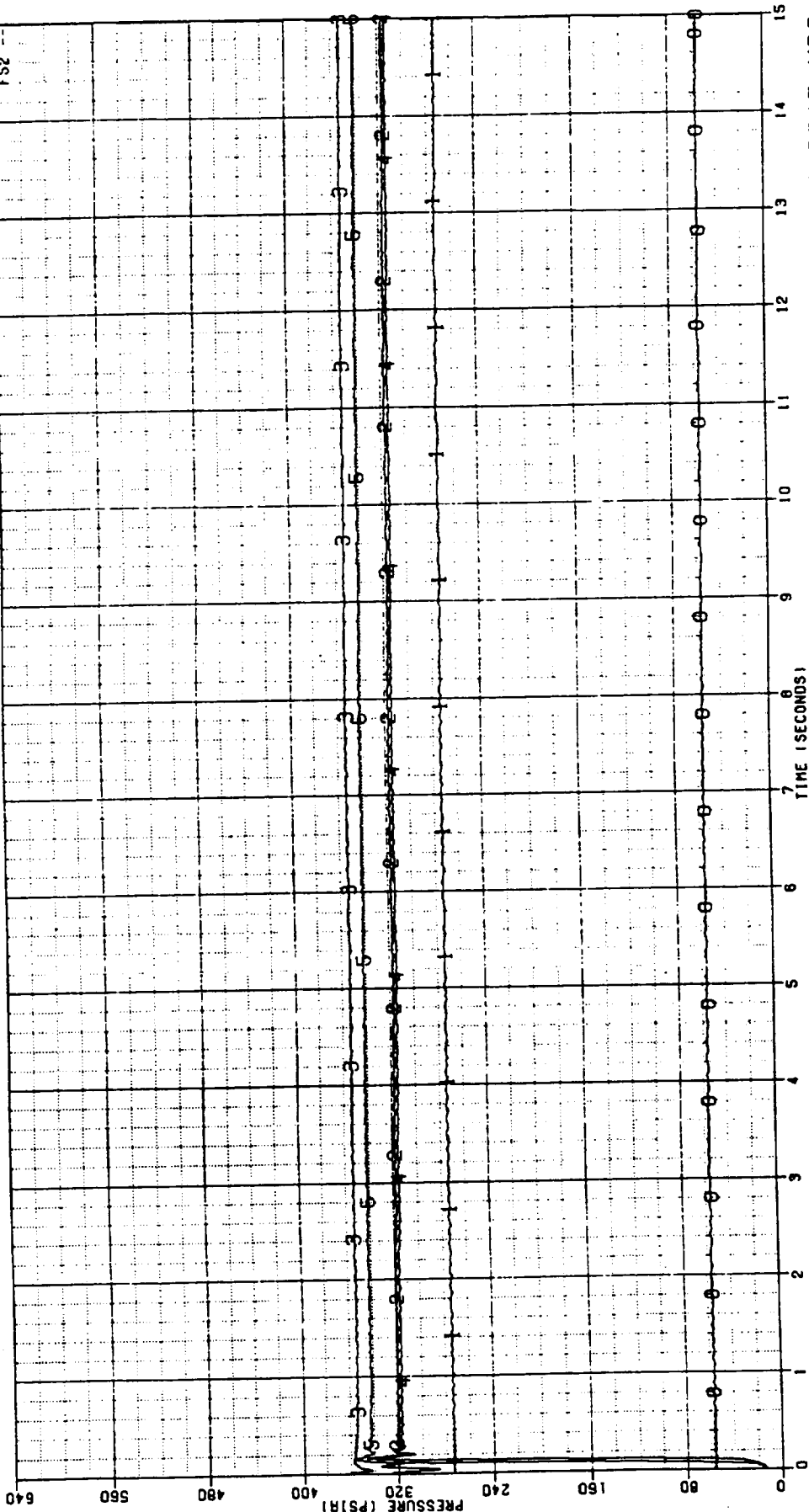
REPORT FORM 3104 PG 801 12022 INCREMENT 00013
 PREPARED BY 1313130 00013



LXD1-002-0A-108 DATE 09-21-94 0047 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 1

- 1 PC-1 PSIA
- 2 FR TURB FM LBS
- 3 WD TURB FM LB/SEC-P
- 4 WF TURB FM LB/SEC-P
- 7 VTCV VOLTS
- 8 MR TURB FM

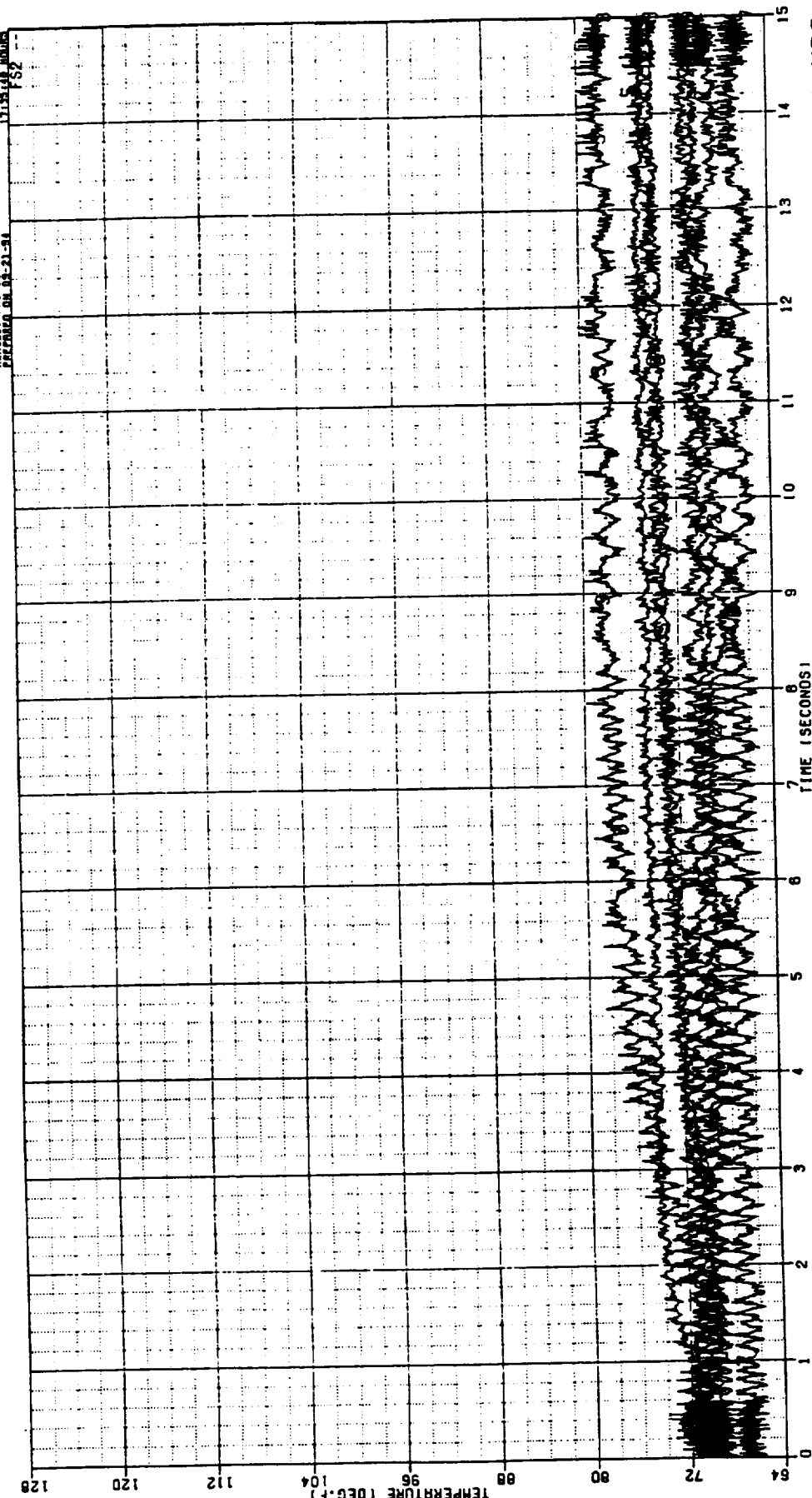
PROJECT PROPOSITION PG 901 13222 SACRAMENTO 1991.2
 PREPARED BY 05-15-94



LXD1-D02-0A-108 DATE 09-21-94 0047 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

- 0 POTS PSIA
- 1 PFL PSIA
- 2 PFL-1 PSIA
- 3 PFL PSIA
- 4 PFL PSIA
- 5 PFL PSIA

RECEIVED PROVISION PO BOX 13212 SPOKANE, ID 83412
 PREPARED ON 12-31-81



LXD1-D02-0A-108 DATE 09-21-94 0047 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

- 0 TFFM DEG F
- 1 TFFM DEG F
- 2 TOV DEG F
- 3 TFVI DEG F
- 4 TJB-1 DEG F
- 5 TJB-2 DEG F
- 6 TJB-3 DEG F
- 7 TCELL DEG F

TEMPERATURE (°C)

TIME (SECONDS)

0.047 LBS

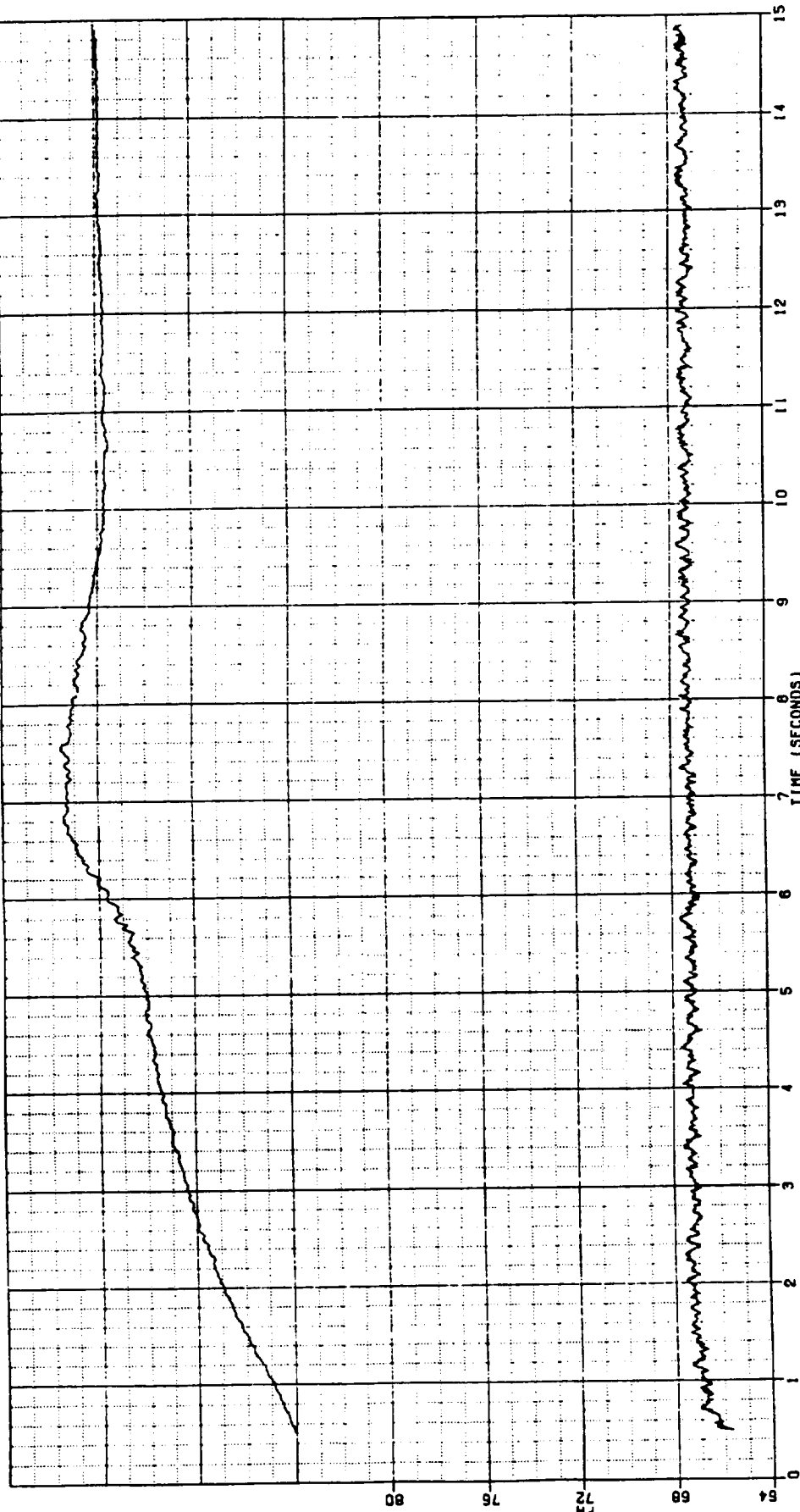
1000

051
LXDI1-002-0A-108 DATE 09-21-94 0047 HRS
1100 LB THRUSTER BAY-2 TEST PLOT 4

1	TNI	DEO F	8 FMIM-1	LB-W
2	TNMO	DEO F	9 FMIM-2	LB-W
3	TCN-1	DEO F		
4	TTI	DEO F		
5	TNMO	DEO F		
6	FMIM-1	LB-W		
7	FMIM-2	LB-W		

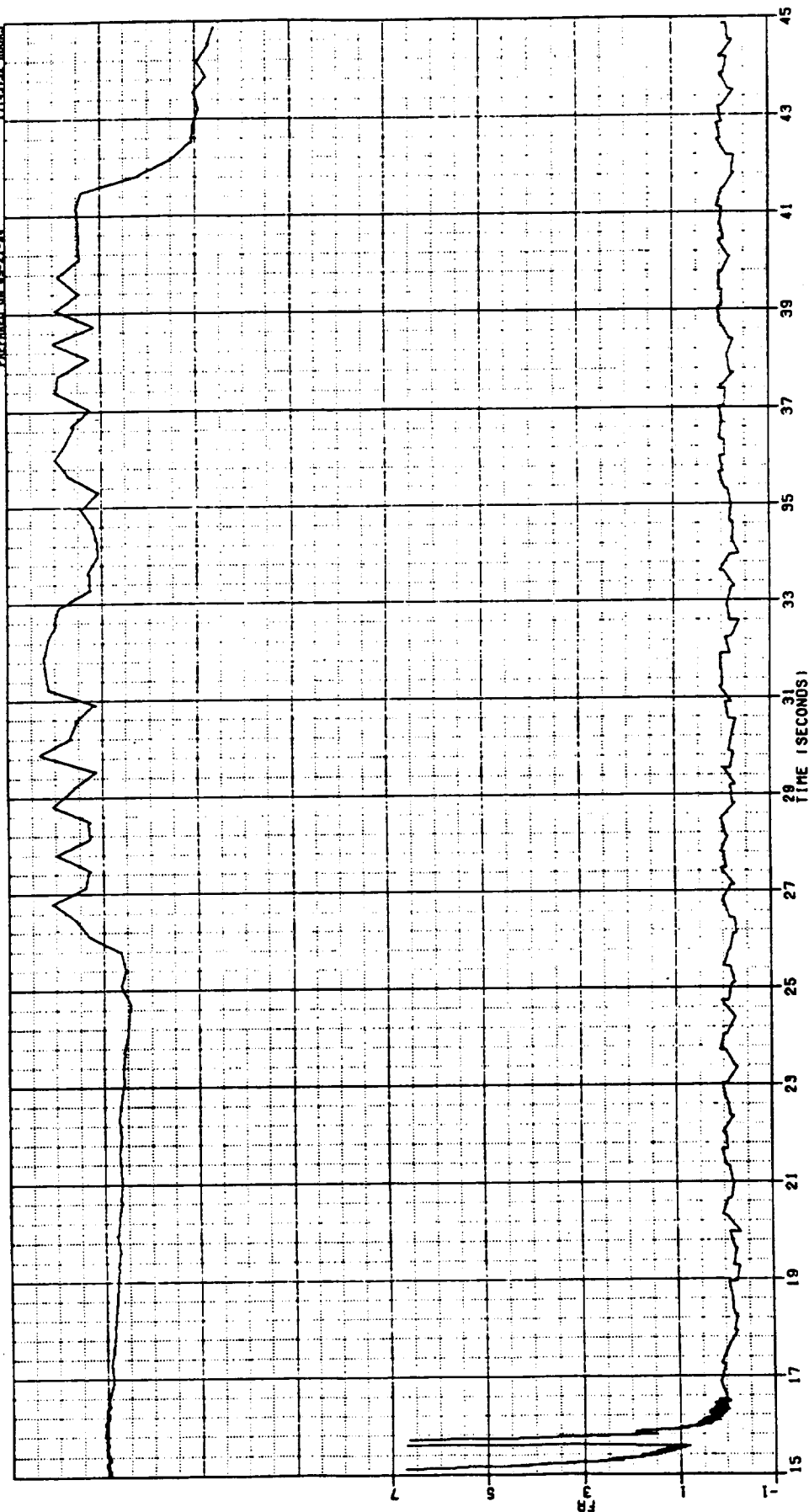
1	TH-1	DEG F
2	TH-2	DEG F
3	TH-3	DEG F
4	TH-4	DEG F
5	TH-5	DEG F
8	TH-8	DEG F

ACROBAT PRODUCTION, PO BOX 13212, ANCHORAGE, ALASKA 99513
PRINTED ON 11-21-81



LXD1-D02-0A-108 DATE 09-21-94 0047 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-1

PROJECT PROVISION PO 801 19222 SACRAMENTO 95013
FACILITY OF 8-1-54 111312Z 0000

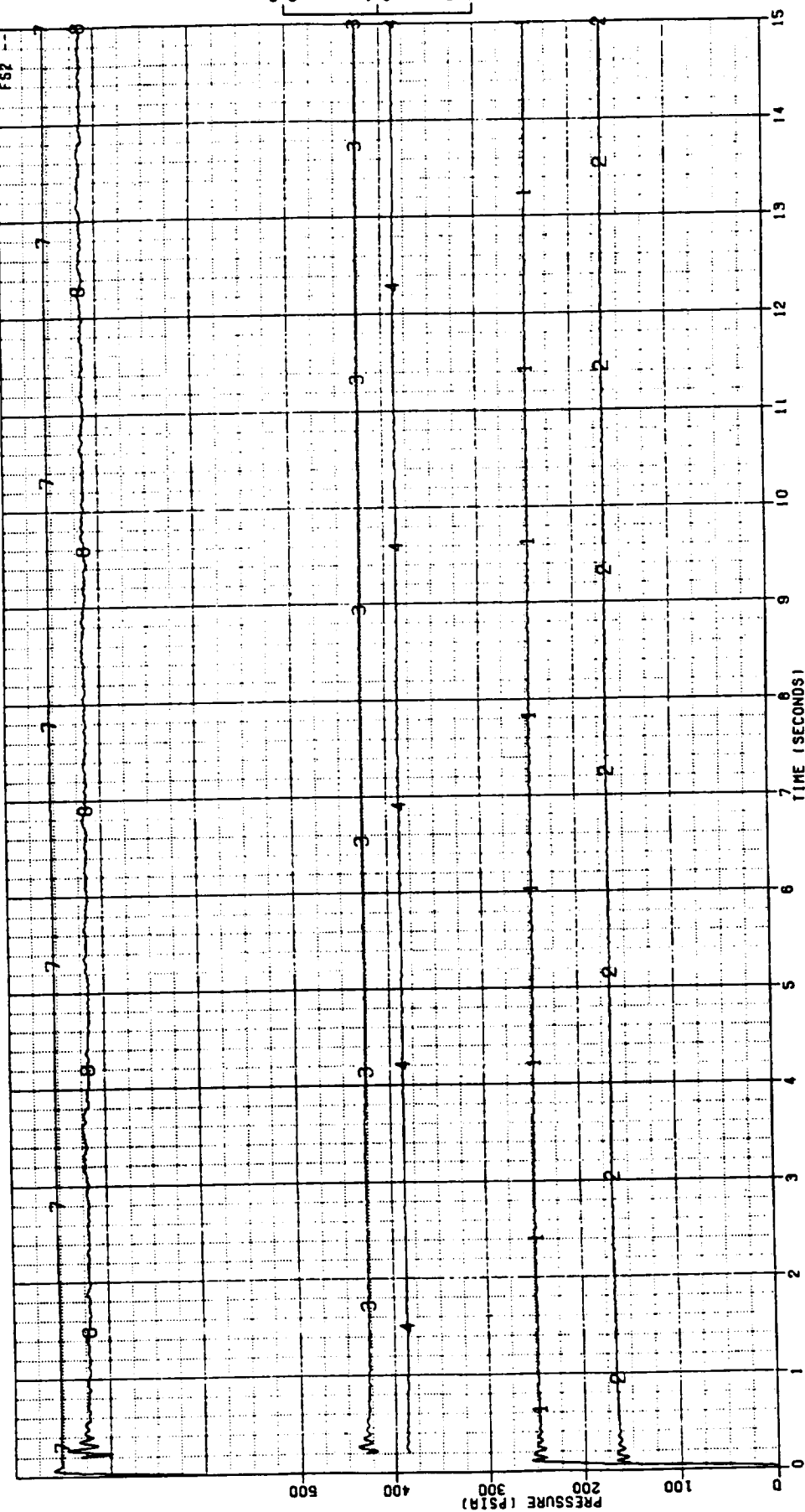


LXD1-D02-0A-108 DATE 09-21-94 0047 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-2

FR LBS
TNMO DEC F

C2-49

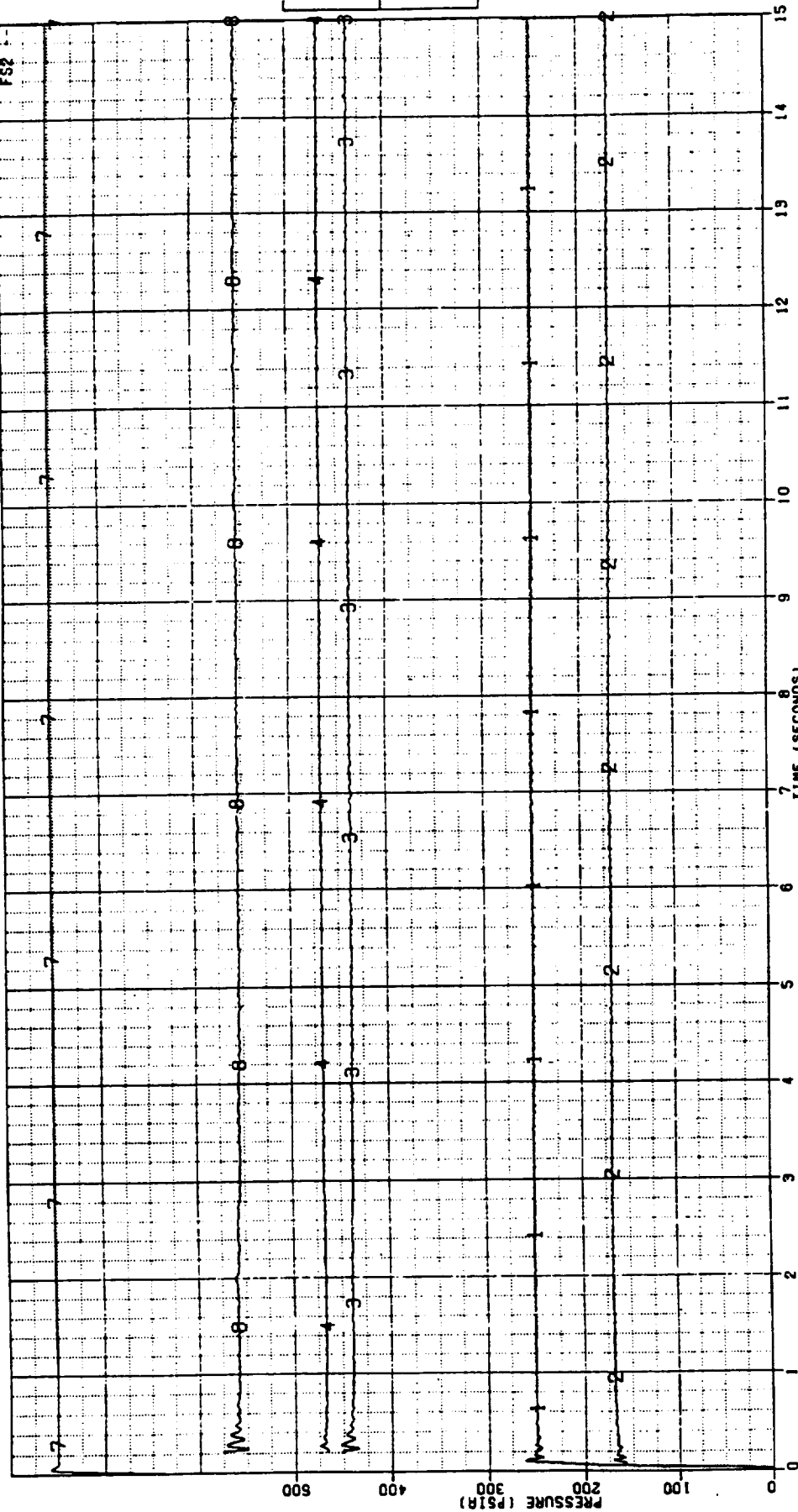
REPORT PREPARED BY: PO BOX 15212 ENCINO 90015
 PREPARED ON: 03-22-94



LXD1-002-0A-109 DATE 09-21-94 1905 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 1

- 1 PC-1 PSIA
- 2 FA LBS
- 3 WD TURB FM LB/SEC-P
- 4 WF TURB FM LB/SEC-P
- 7 VTICV VOLTS
- 8 MR TURB FM

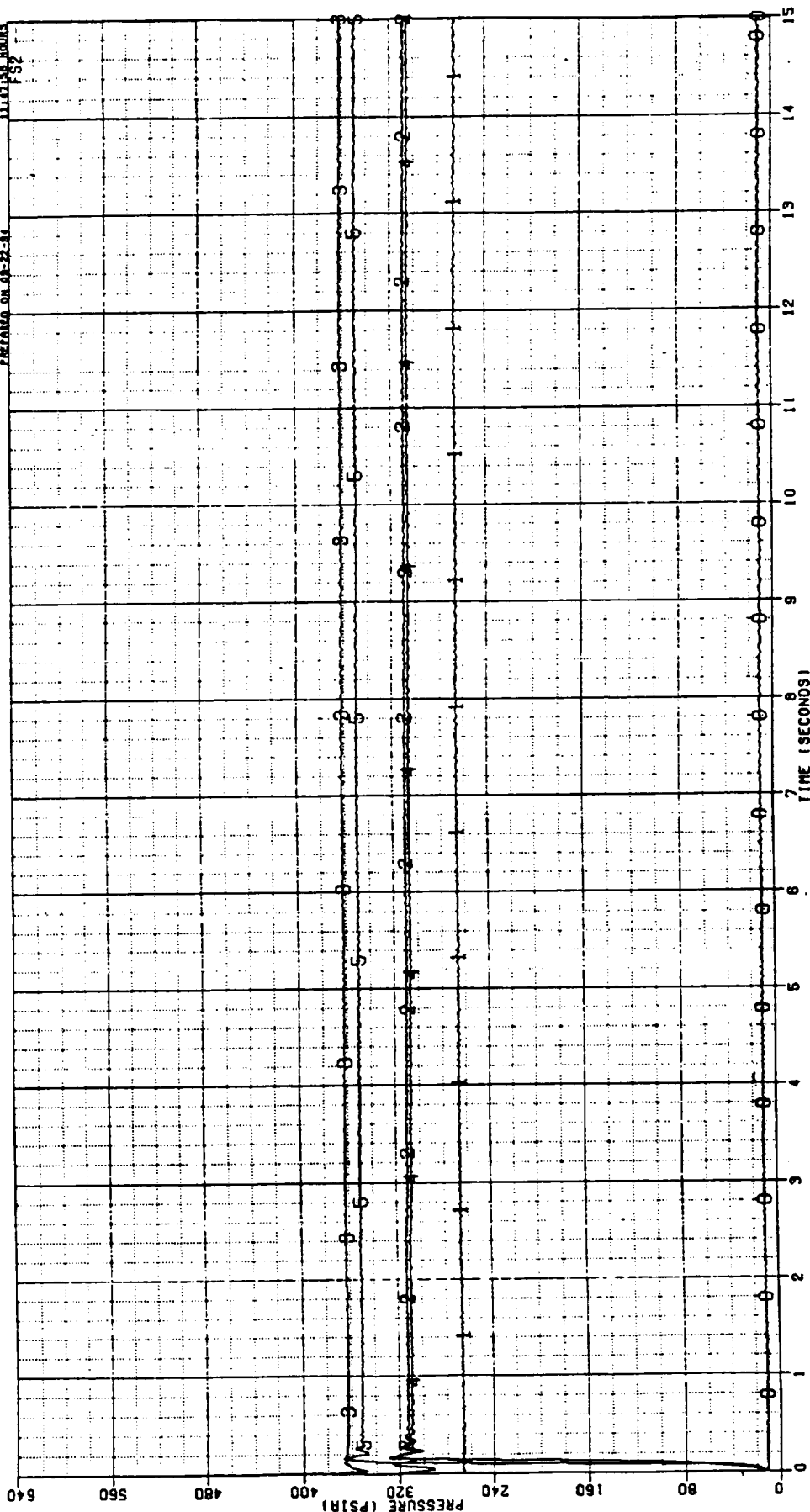
RENDIT PROVISION PO BOX 13222 SACRAMENTO 95813
 PREPARED ON 09-22-94



LXD1-002-0A-111 DATE 09-21-94 2110 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 1

- 1 PC-1 PSIA
- 2 FA LBS
- 3 WD TURB FM LB/SEC-P
- 4 WF TURB FM LB/SEC-P
- 7 VTCV VOLTS
- 8 MR TURB FM

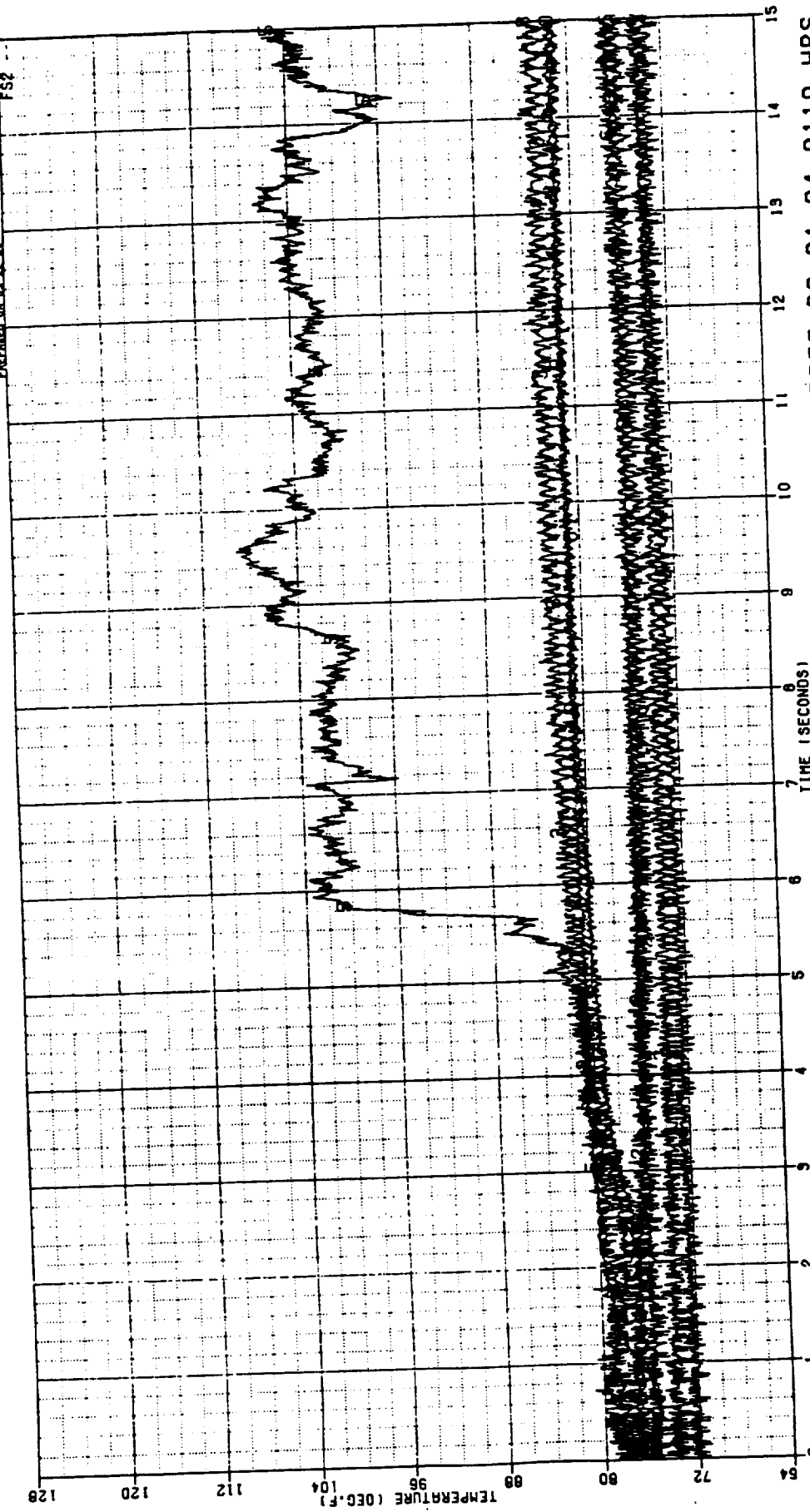
RECEIVED FROM USION, PG BOX 13222 ENCLOSURE 20012
 100 LB THRUSTER BAY-2 TEST



LXD1-D02-0A-111 DATE 09-21-94 2110 HRS
 100 LB THRUSTER BAY-2 TEST

- 0 POTS PSIA
- 1 PFIR PSIA
- 2 POL-1 PSIA
- 3 PFL PSIA
- 4 POJ PSIA
- 5 PFJ PSIA

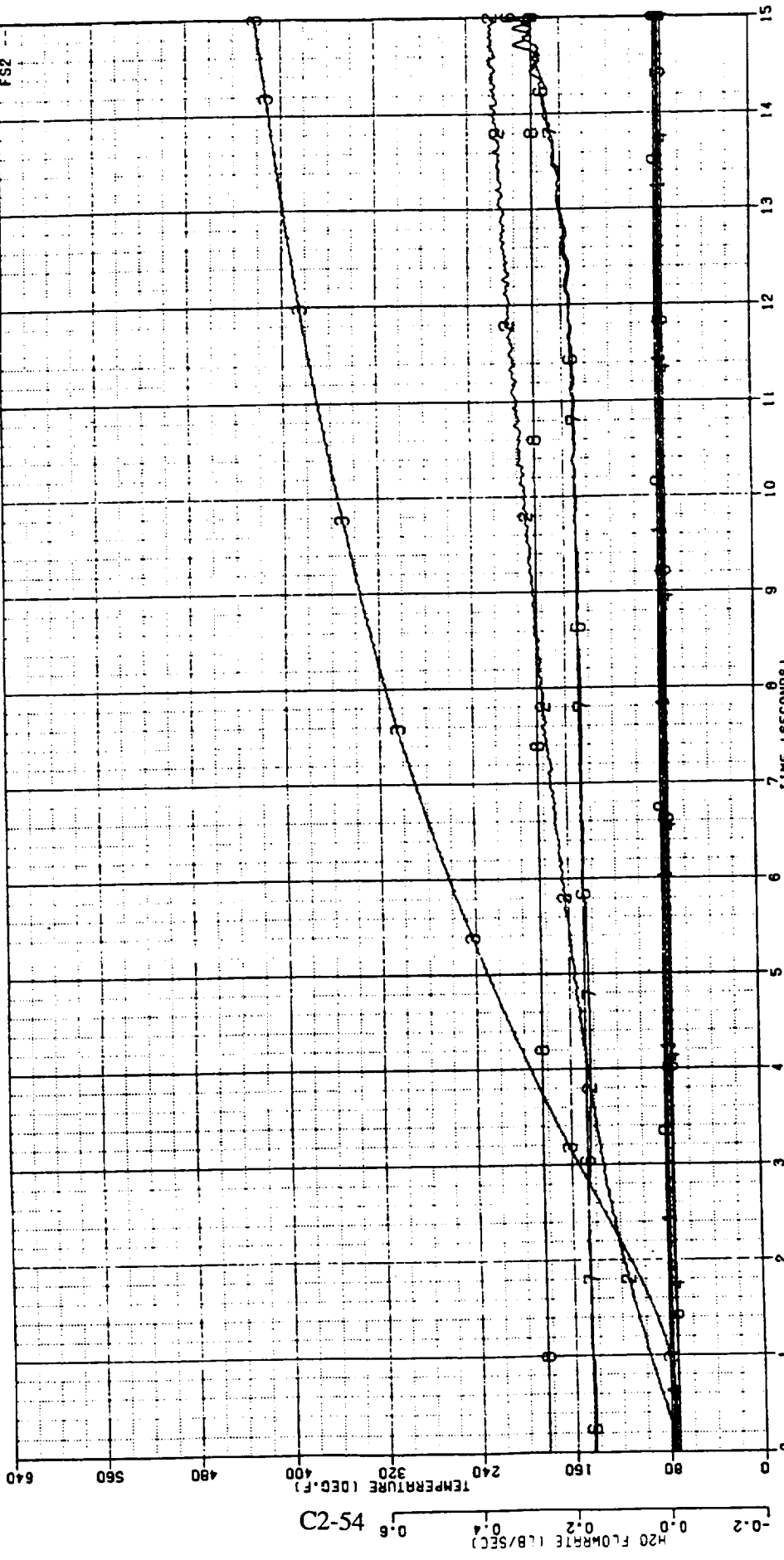
RECUJET PRODUCTION PO BOX 13222 SACRAMENTO 95812
 PREPARED BY: JCSA 11130148 ADUAS
 FS2



LXD1-002-0A-111 DATE 09-21-94 2110 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

- | | | | |
|---------|-------|---------|-------|
| 0 TOFM | DEG F | 7 TCELL | DEG F |
| 1 TFFH | DEG F | | |
| 2 TOV | DEG F | | |
| 3 TFVI | DEG F | | |
| 4 TJ8-1 | DEG F | | |
| 5 TJ8-2 | DEG F | | |
| 6 TJ8-3 | DEG F | | |

RECONSTRUCTION FROM 13222 INCREMENT 00013
 PREPARED ON 09-22-94
 FSZ

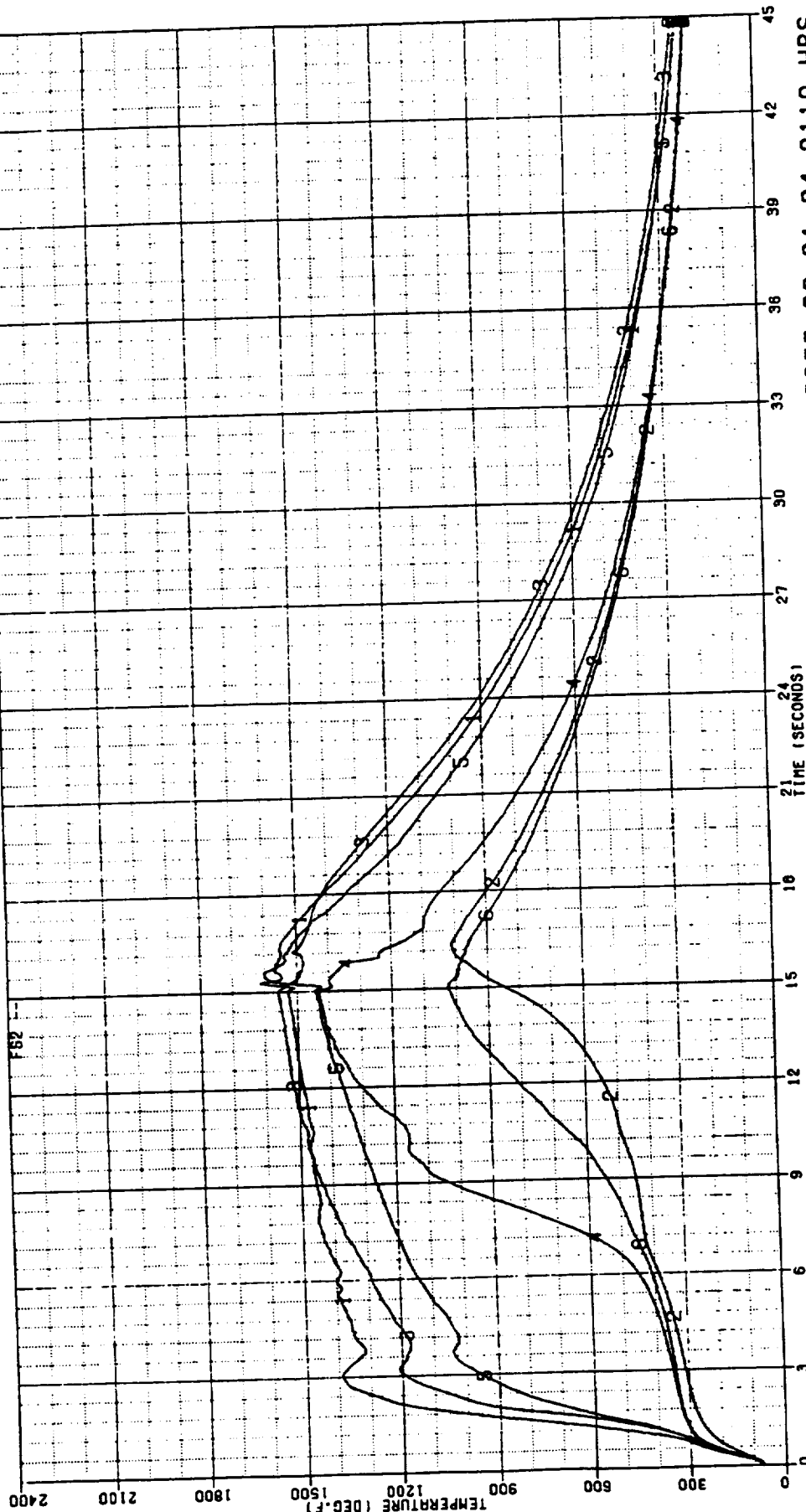


LX01-002-0A-111 DATE 09-21-94 2110 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

- | | | | |
|----------|-------|----------|------|
| 1 TNMI | DEO F | 8 FNNM-1 | LB-W |
| 2 TNMO | DEO F | 9 FNNM-2 | LB-W |
| 3 TCN-1 | DEO F | | |
| 4 TTMI | DEO F | | |
| 5 TTMO | DEO F | | |
| 6 FTMI-1 | LB-W | | |
| 7 FTMI-2 | LB-W | | |

C2-54

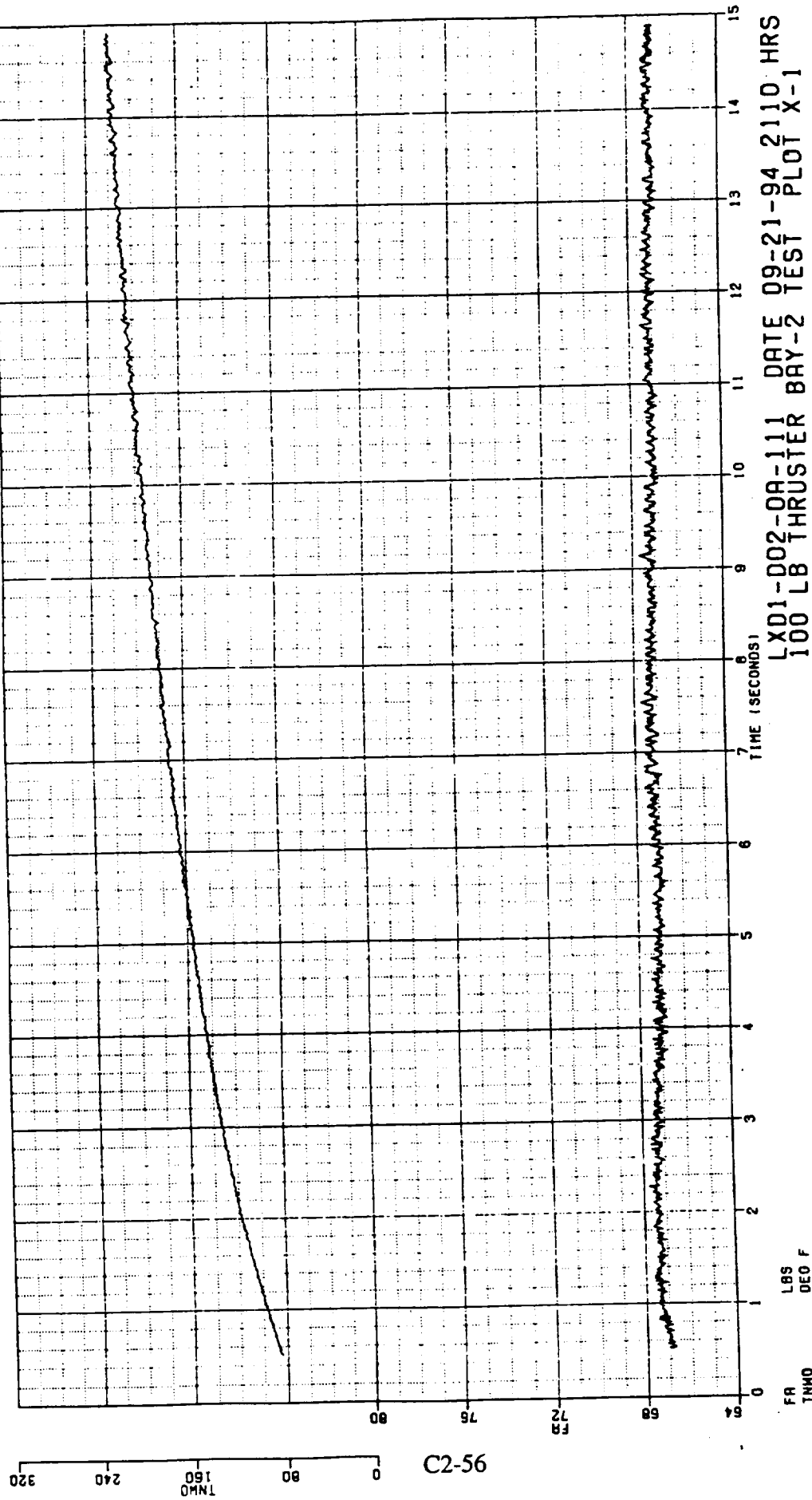
REPORT POSITION PO BOX 13212 SACRAMENTO 95813
 PREPARED ON 09-21-94



LXD1-002-0A-111 DATE 09-21-94 2110 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 6

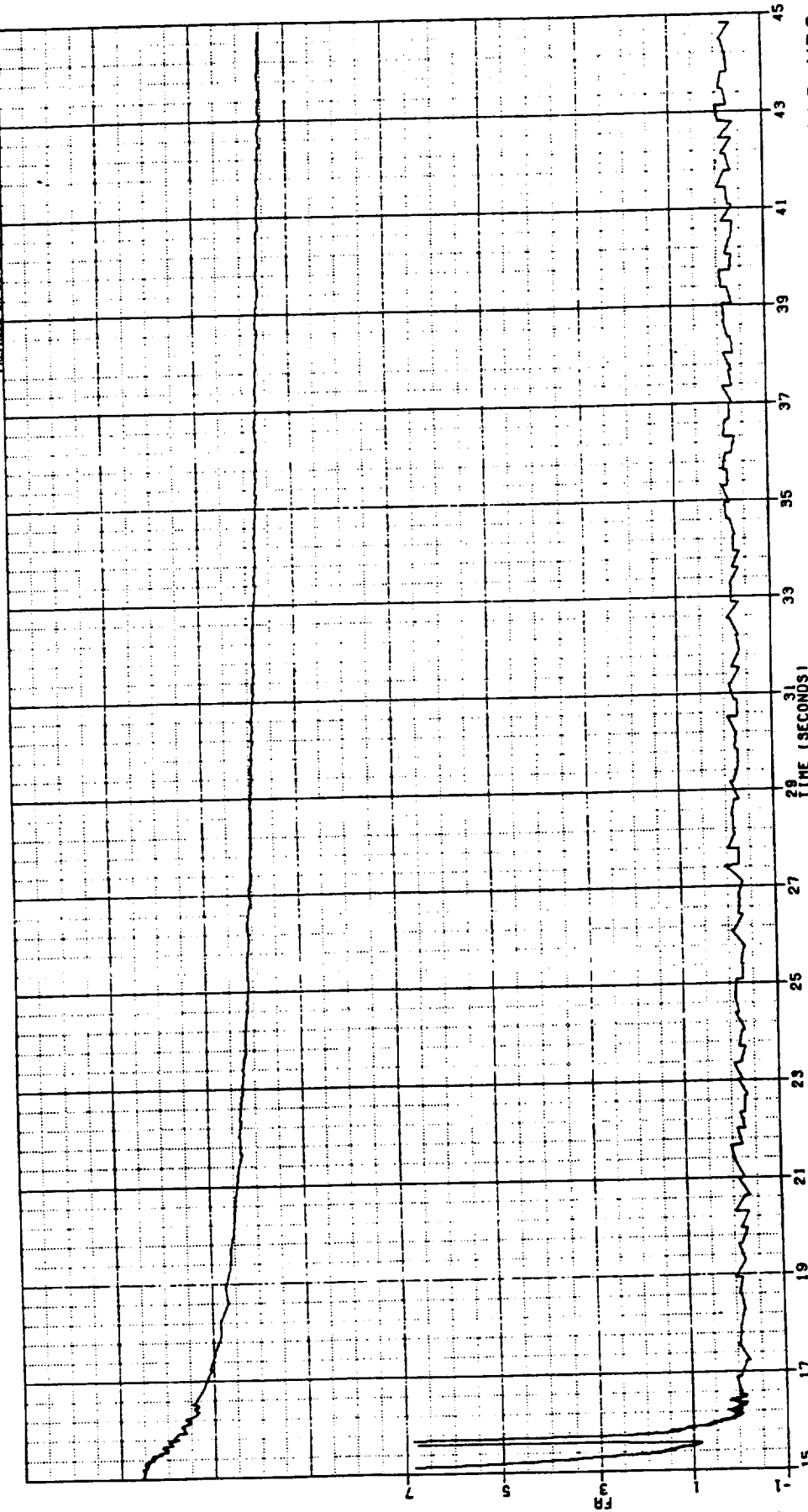
- 1 TH-1 DEG F
- 2 TH-2 DEG F
- 3 TH-3 DEG F
- 4 TH-4 DEG F
- 5 TH-5 DEG F
- 6 TH-6 DEG F

ROCKET PROPULSION, PG 801 13212 MCCORMACK 35013
RECEIVED ON 11-15-94



LXD1-D02-0A-111 DATE 09-21-94 2110 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-1

PERMIT PROVISION PO BOX 13222 ANCHORAGE 99513
PREPARED ON 03-22-84

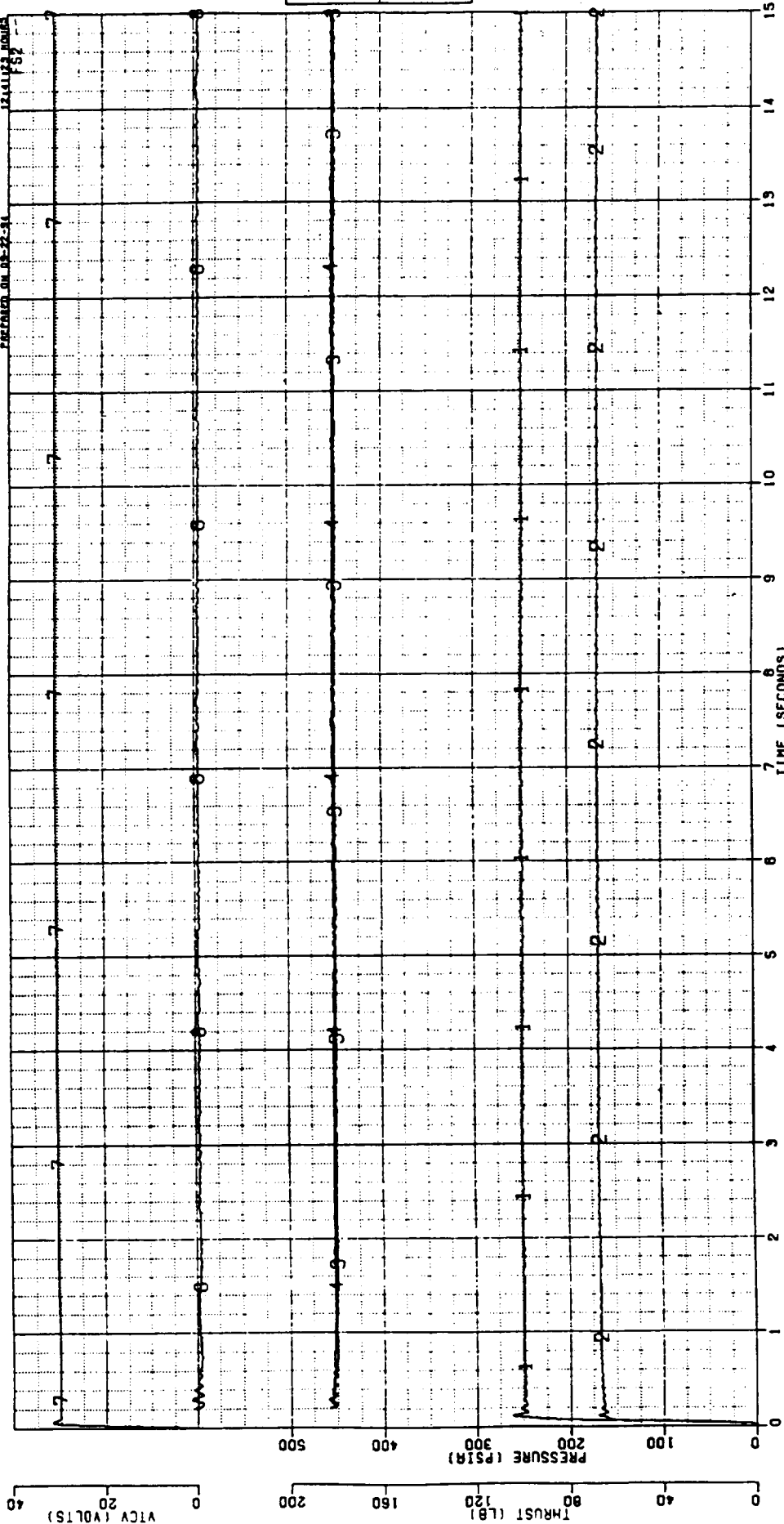


LXD1-D02-0A-111 DATE 09-21-94 2110 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-2

320
240
160
80
0
TNMO

C2-57

FA TNMO
LBS DEO F



LXD1-002-0A-112 DATE 09-21-94 2144 HRS
1100 LB THRUSTER BAY-2 TEST PLOT 1

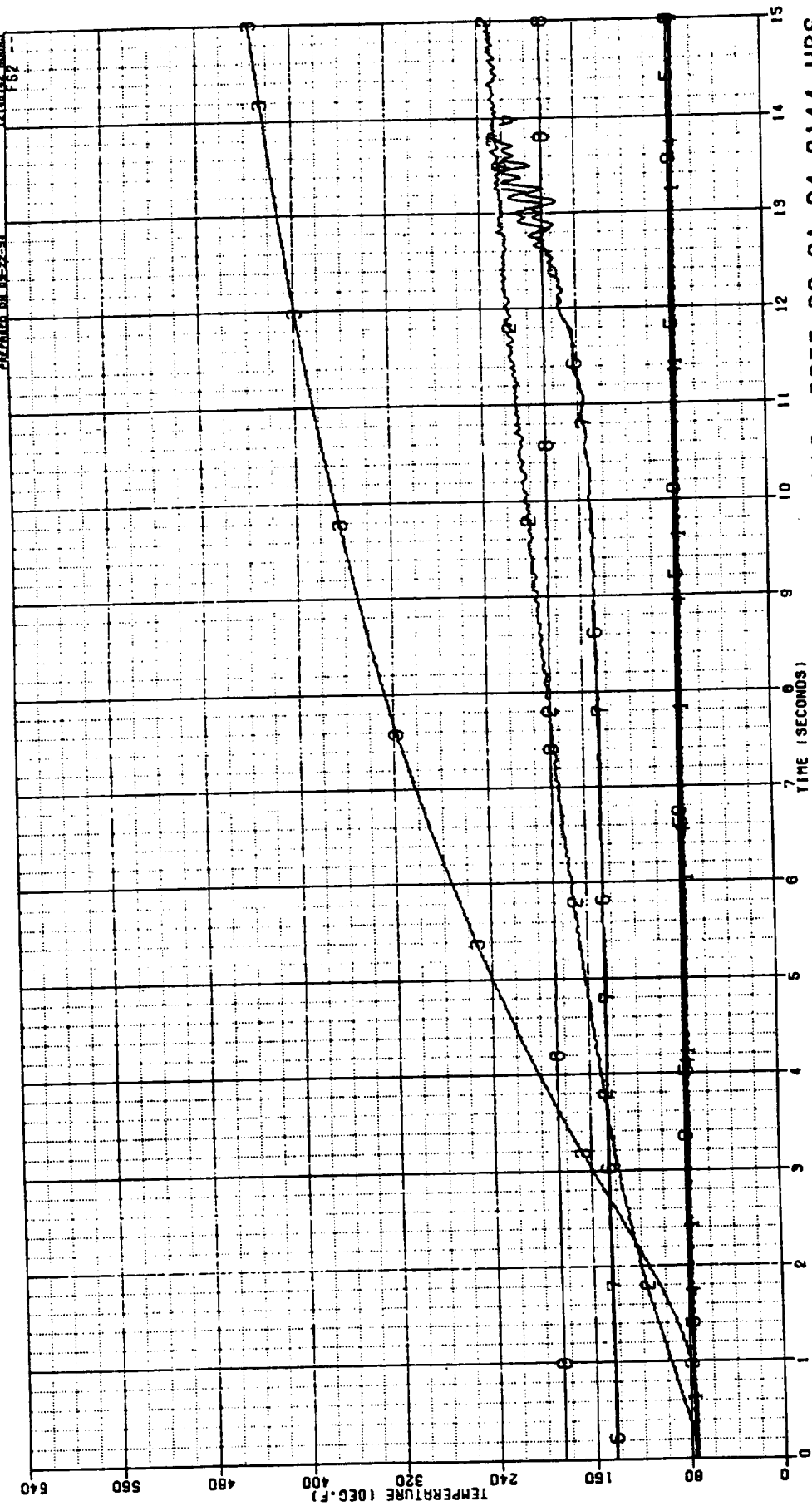
	PSIA	LBS	LB/SEC-P	LB/SEC-P	VOLTS
1 PC-1					
2 FA					
3 WO TURB FM					
4 WF TURB FM					
7 VICV					
8 MR TURB FM					

C2-58

Graph showing Pressure (PSI) versus Time (Seconds) for three different test conditions (1, 2, 3). The pressure remains relatively constant around 320 PSI for the first 10 seconds, then drops sharply to approximately 160 PSI by 15 seconds. The graph is labeled "PRESSURE (PSI)" on the y-axis and "TIME (SECONDS)" on the x-axis. The y-axis scale ranges from 0 to 640 in increments of 80. The x-axis scale ranges from 0 to 15 in increments of 1. The data series are labeled 1, 2, and 3.

0	POTS	PSIA
1	PFTR	PSIA
2	POL-1	PSIA
3	PFL	PSIA
4	POJ	PSIA
5	PFJ	PSIA

ACCOMPLISH PROPOSAL, PO BOX 15212 DALLAS, TEXAS 75215
 PREPARED BY: 12 JUL 94



LXD1-002-0A-112 DATE 09-21-94 2144 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

C2-61

0.6

H2O FLOW RATE (LB/SEC)

0.4

0.2

0.0

-0.2

TEMPERATURE (DEG F)

320

400

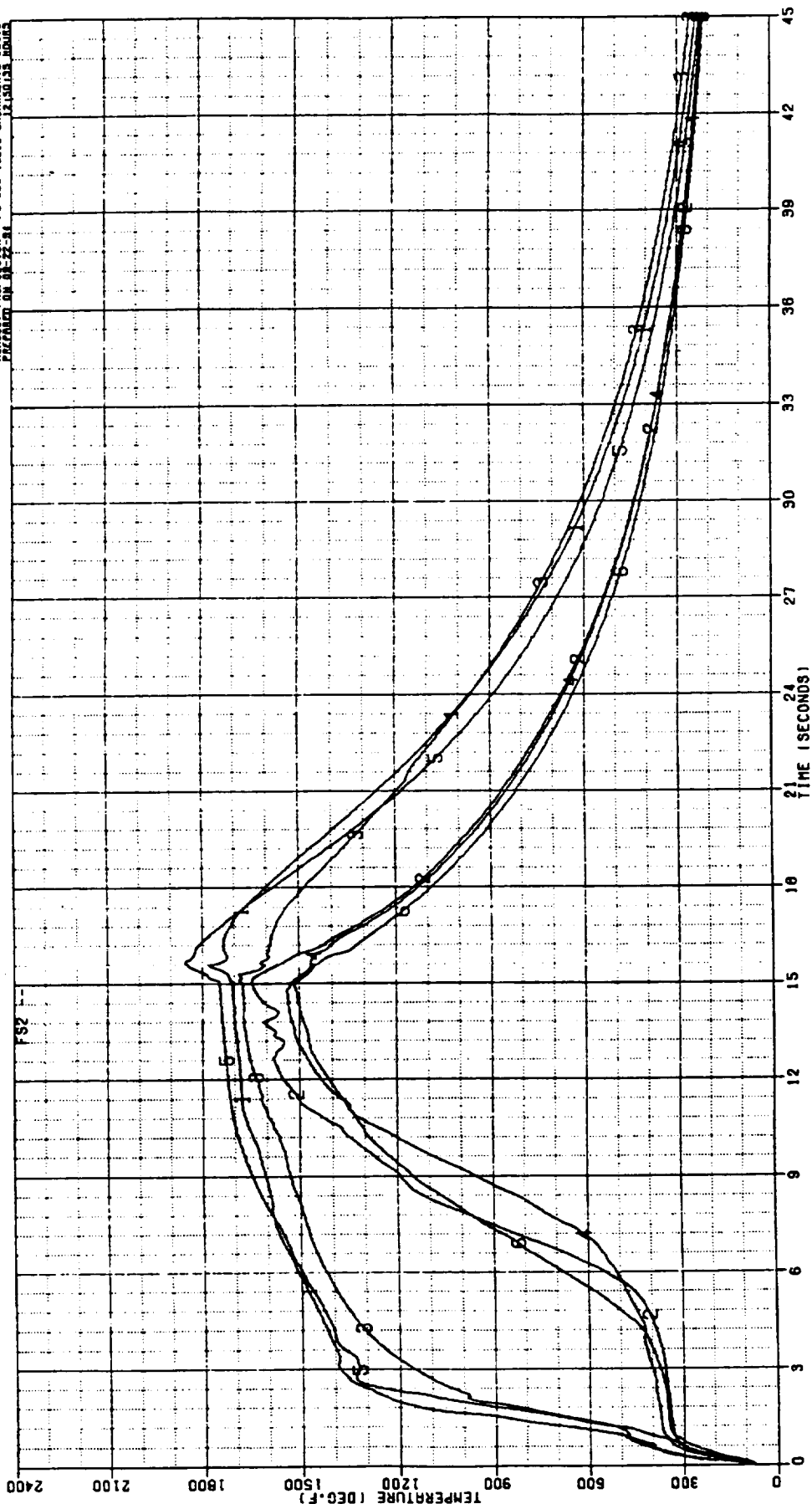
480

560

640

- 1 TNM1
- 2 TNM2
- 3 TCN-1
- 4 TTM1
- 5 TTMO
- 6 FTM-1
- 7 FTM-2
- 8 FMNH-1
- 9 FMNH-2
- LB-M
- LB-N

REPORT PREPARED BY: PO BOX 132722 SACRAMENTO 95813
 PREPARED ON: 01-27-81

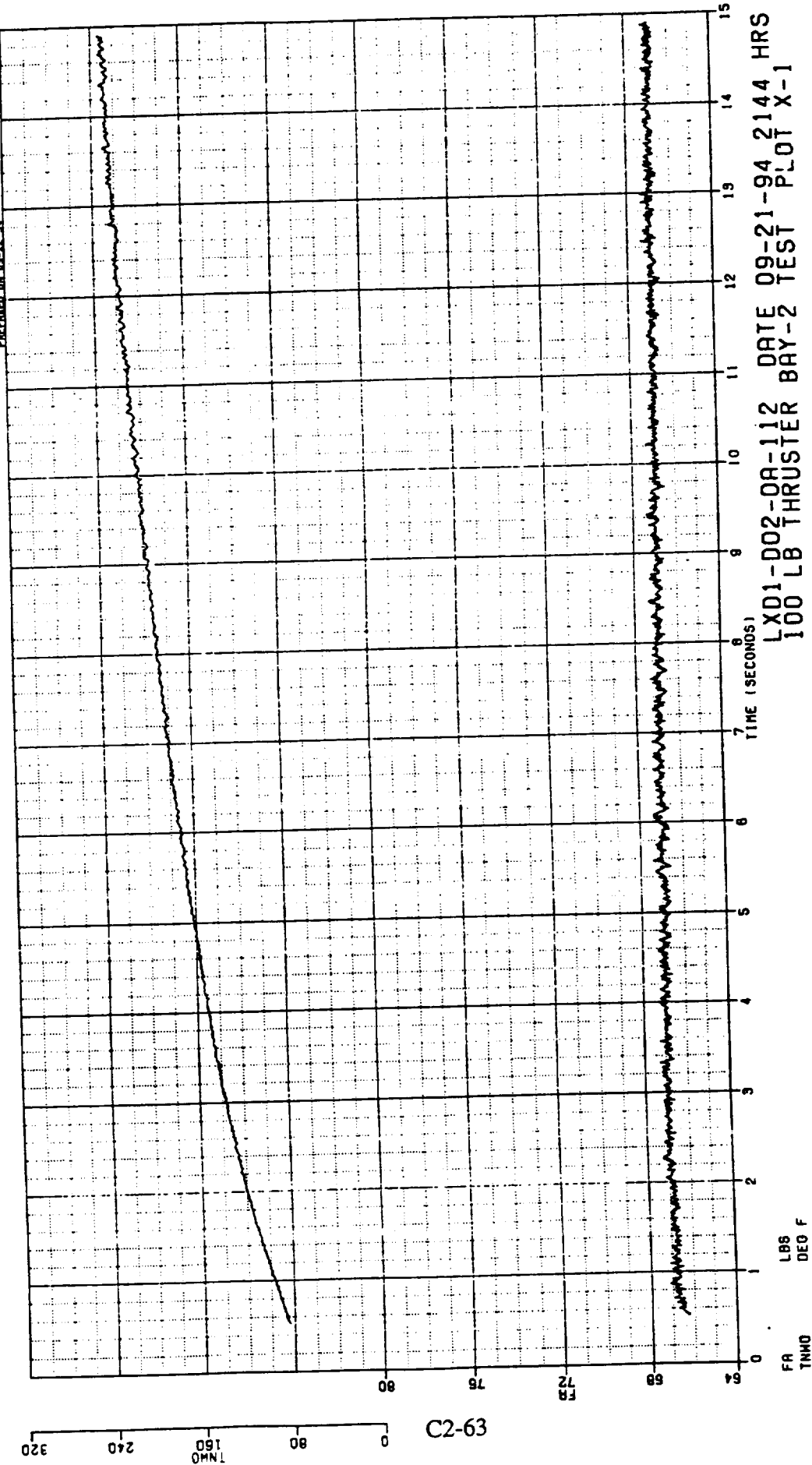


1 TH-1
 2 TH-2
 3 TH-3
 4 TH-4
 5 TH-5
 6 TH-6

DEG F
 DEG F
 DEG F
 DEG F
 DEG F
 DEG F

LXD1-D02-0A-112 DATE 09-21-94 2144 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 6

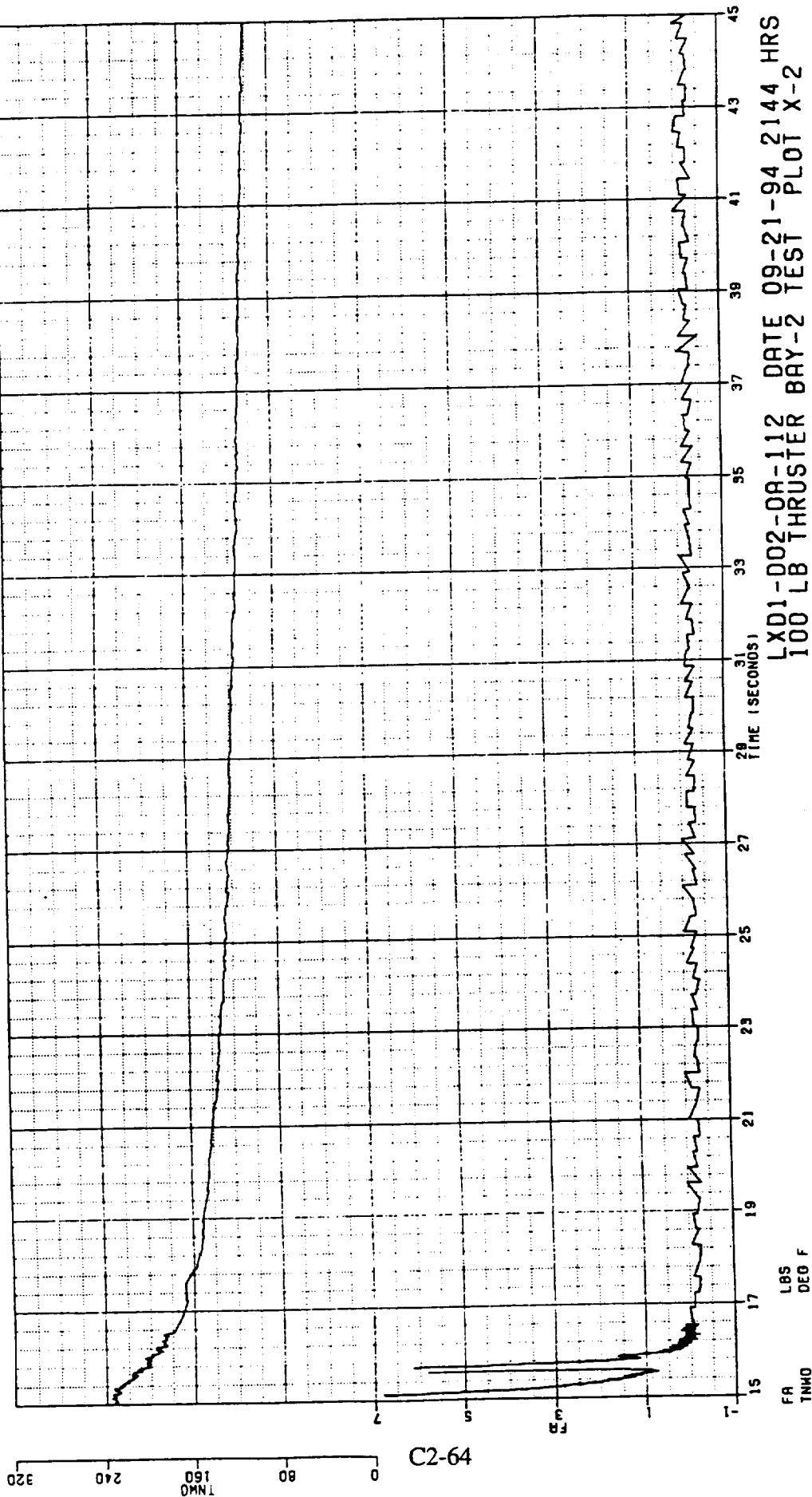
REPORT PRODUCTION PO BOX 13022 SACRAMENTO 95812
 PRINTED ON 11-12-84 12:53:07 HOUR



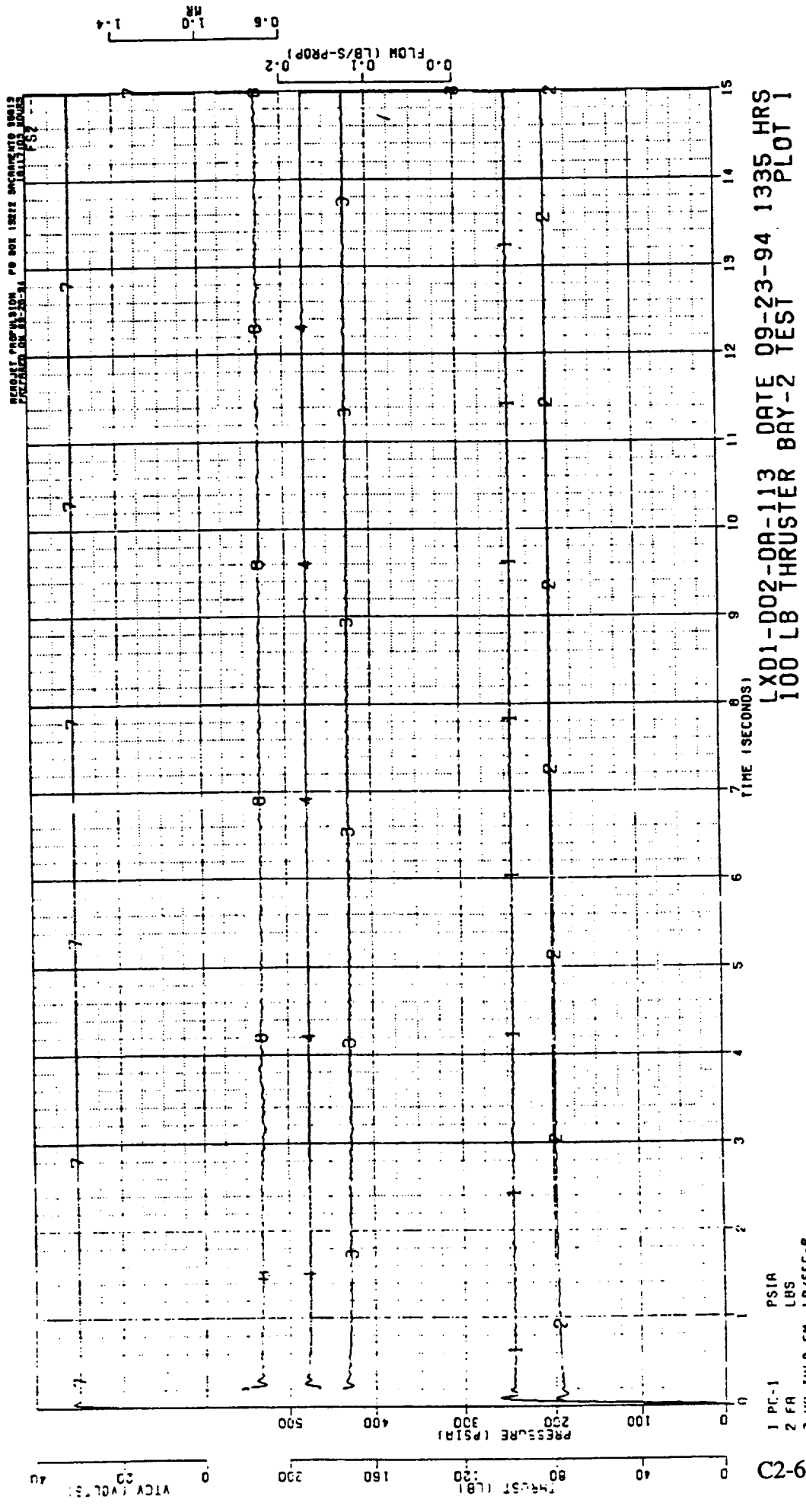
LXD1-002-0A-112 DATE 09-21-94 2144 HRS
 100 LB THRUSTER BAY-2 TEST PLOT X-1

LB8
 DE0 F

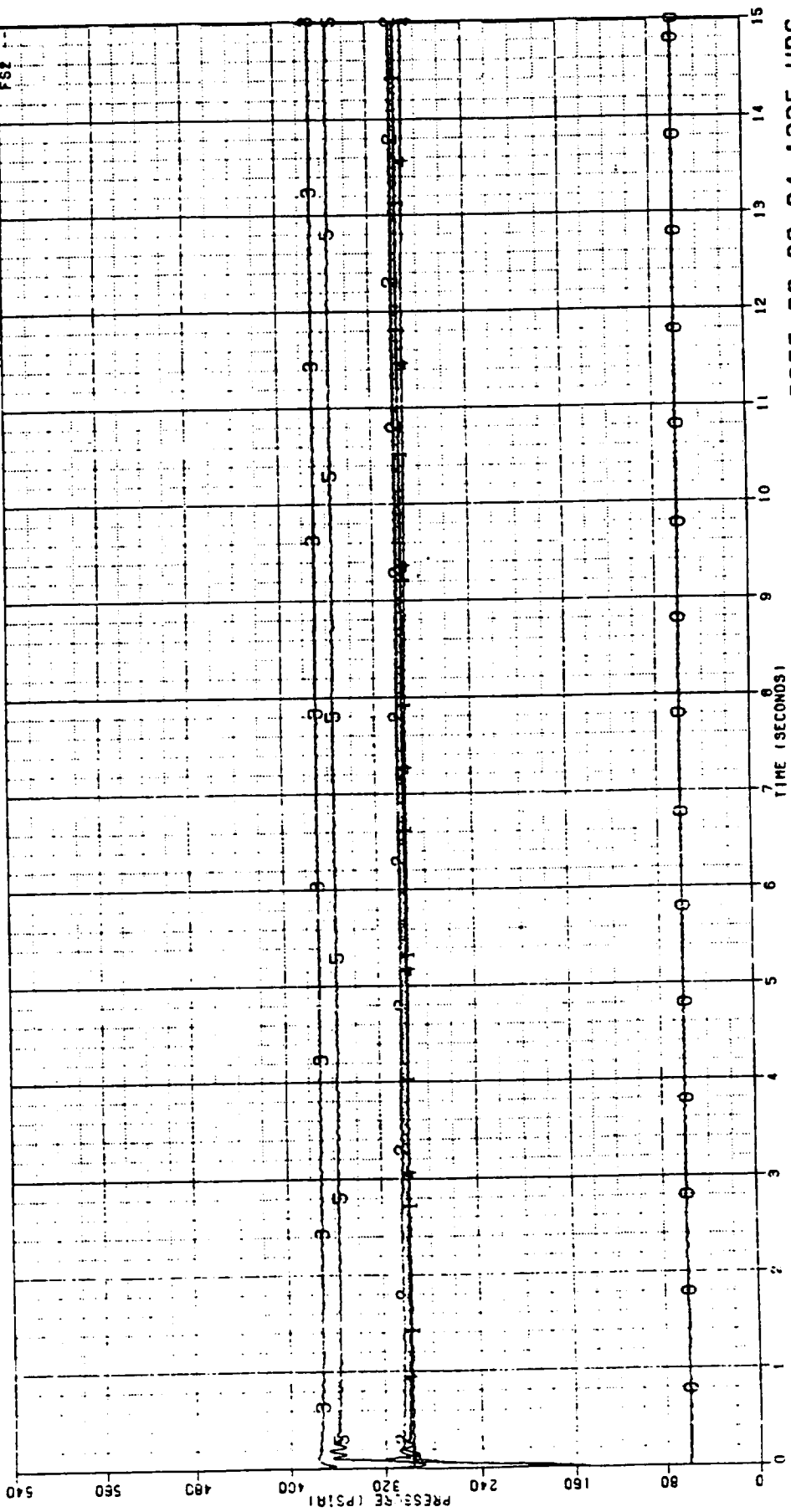
MEMOJET PROPULSION PO BOX 19212 SACRAMENTO 95812
PREPARED ON 08-22-51



9-50
1/10/86

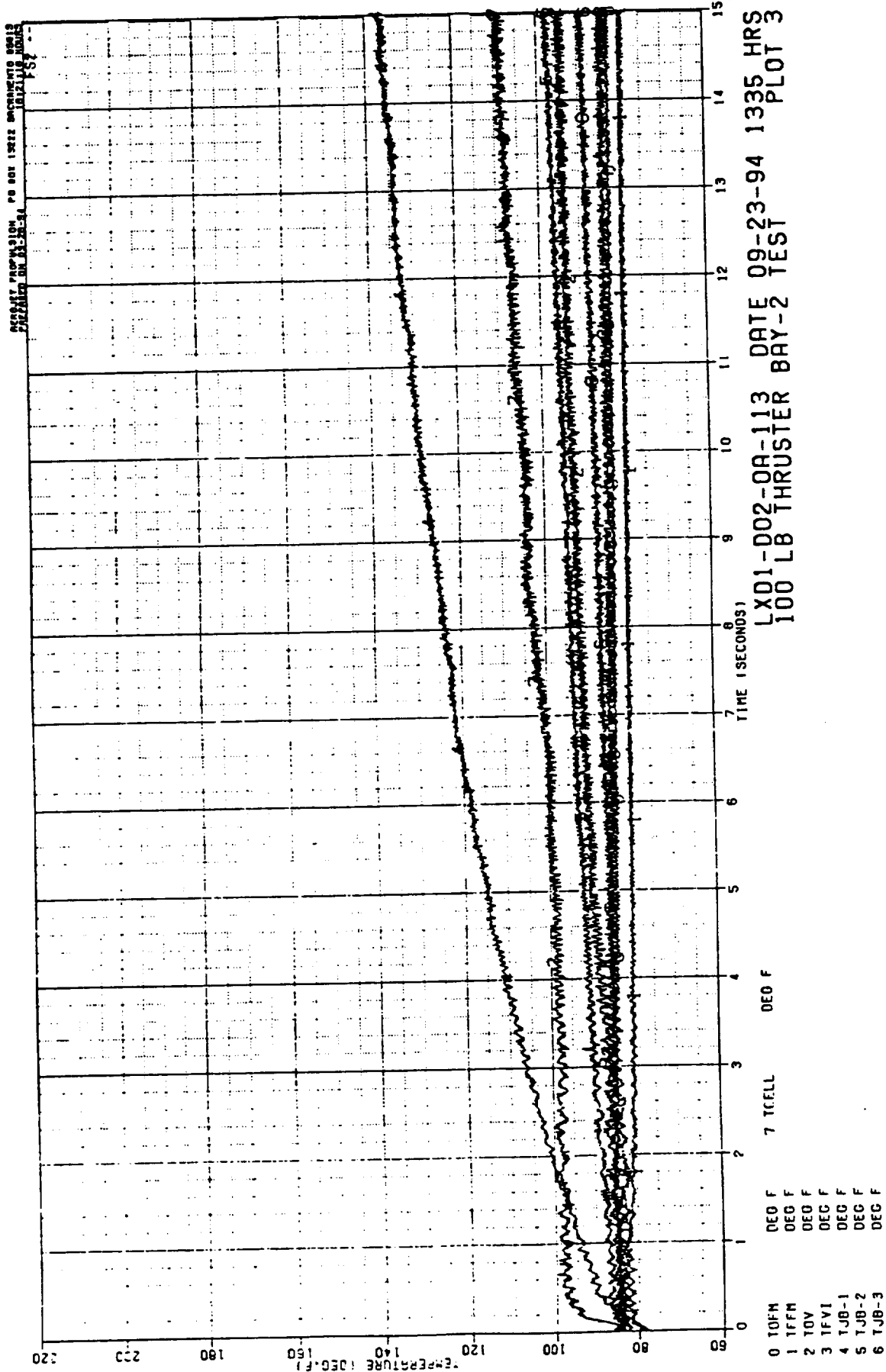


ACCOMPLISH PROPULSION PS 805 130122 MATHEMATICS 88013
 PREPARED ON 03-20-94 PS

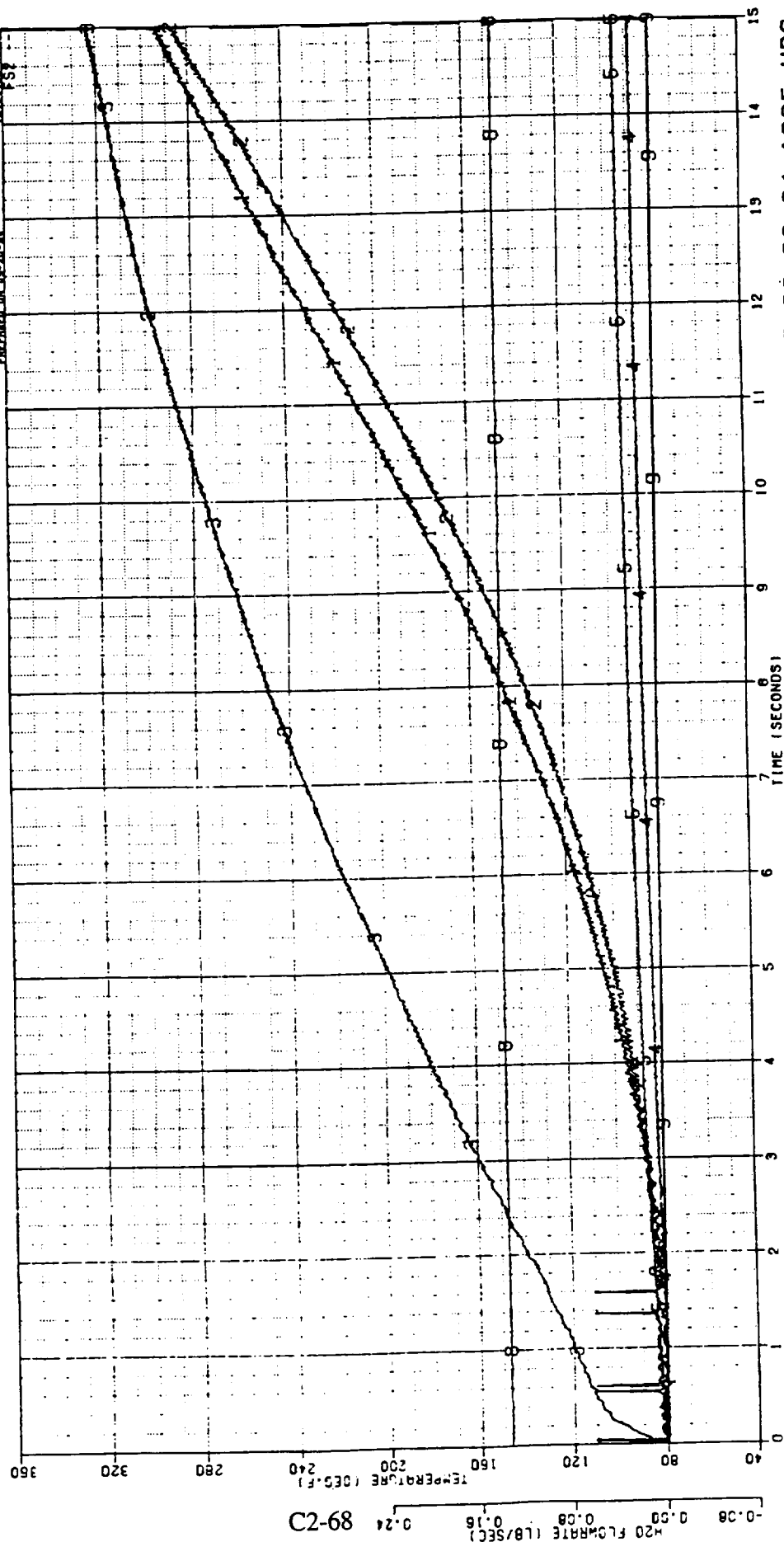


LXD1-D02-0A-113 DATE 09-23-94 1335 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

- 0 POTS PSIA
- 1 PFT PSIA
- 2 PDL-1 PSIA
- 3 PFL PSIA
- 4 PDJ PSIA
- 5 PFJ PSIA



URGENT PROMISSION PO BOX 19212 SACRAMENTO 95819
 PERMITS ON 11-11-94

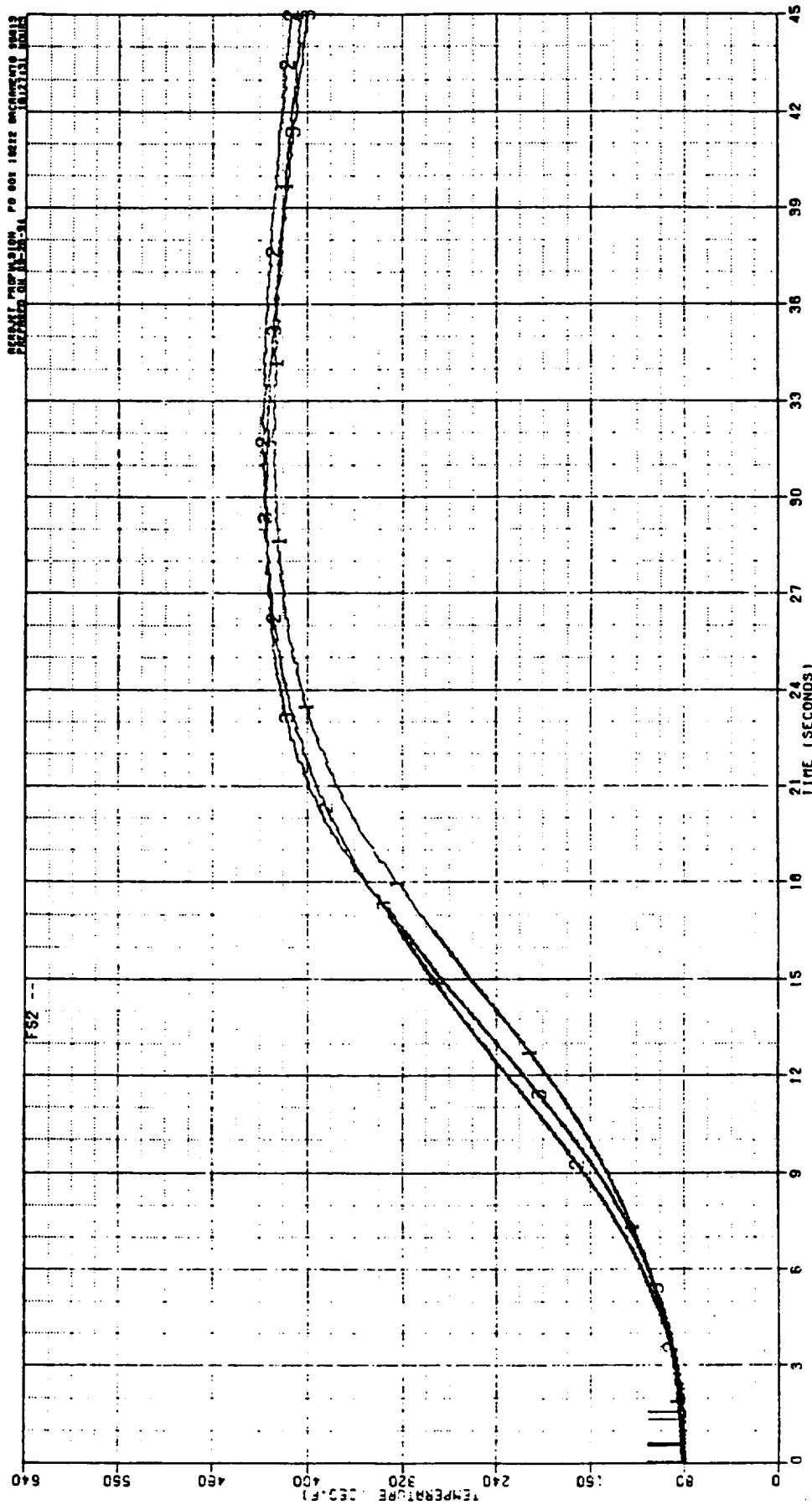


LXD1-D02-0A-113 DATE 09-23-94 1335 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

- 1 TTFB-2 DEG F
- 2 TTFB-3 DEG F
- 3 TCN-1 DEG F
- 4 TTWI DEG F
- 5 TTWO DEG F
- 6 FTW-1 LB-W
- 7 FTW-2 LB-W
- 8 FTW-1 LB-W
- 9 FTW-2 LB-W

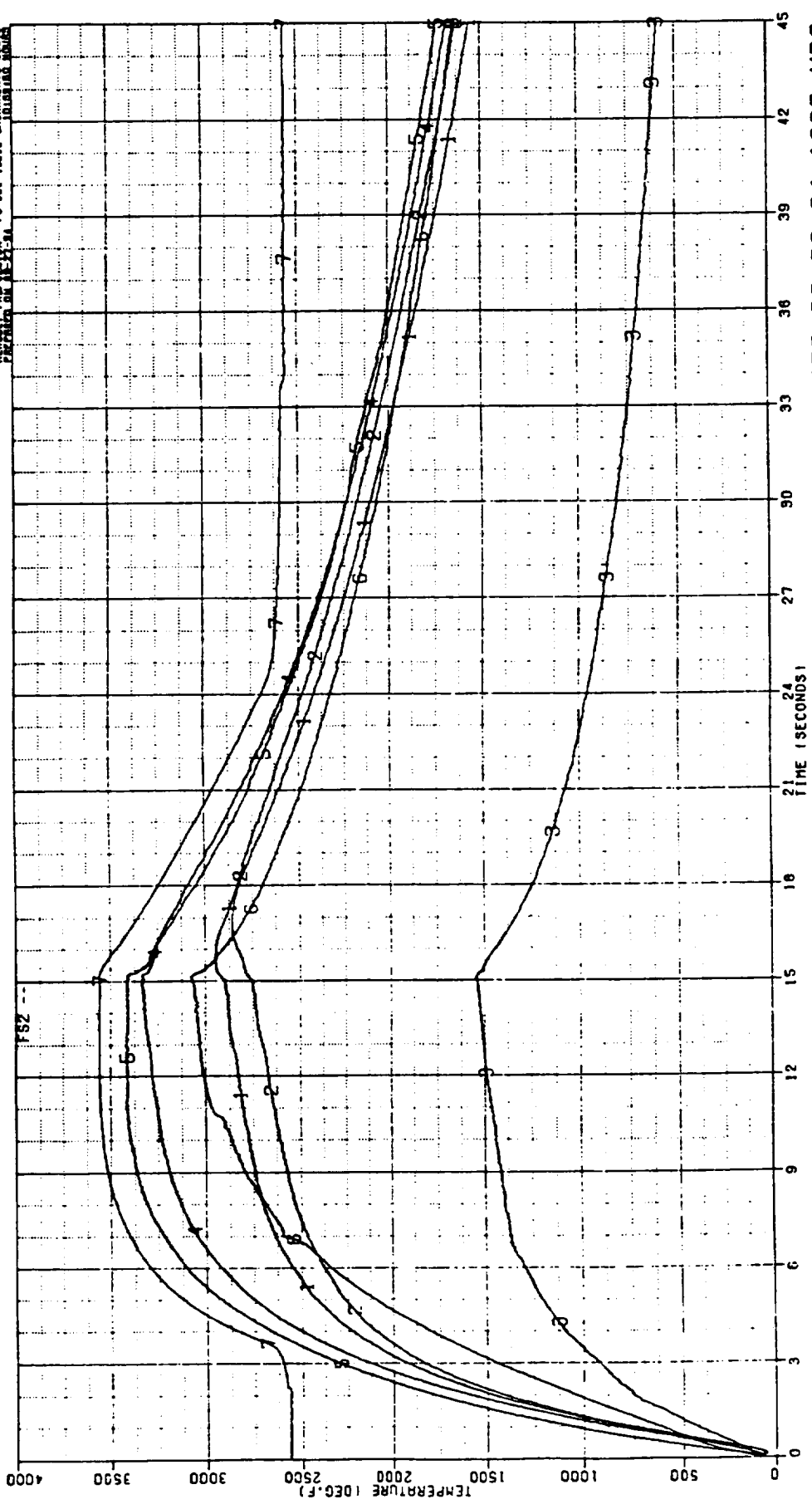
C2-68 H2O FLOW RATE (LB/SEC) 0.04 0.08 0.12 0.16 0.20 0.24

PERMANENT RECORD, PG 001 10212 ENCLOSURE 10 00113
EXPERIMENTAL DATA



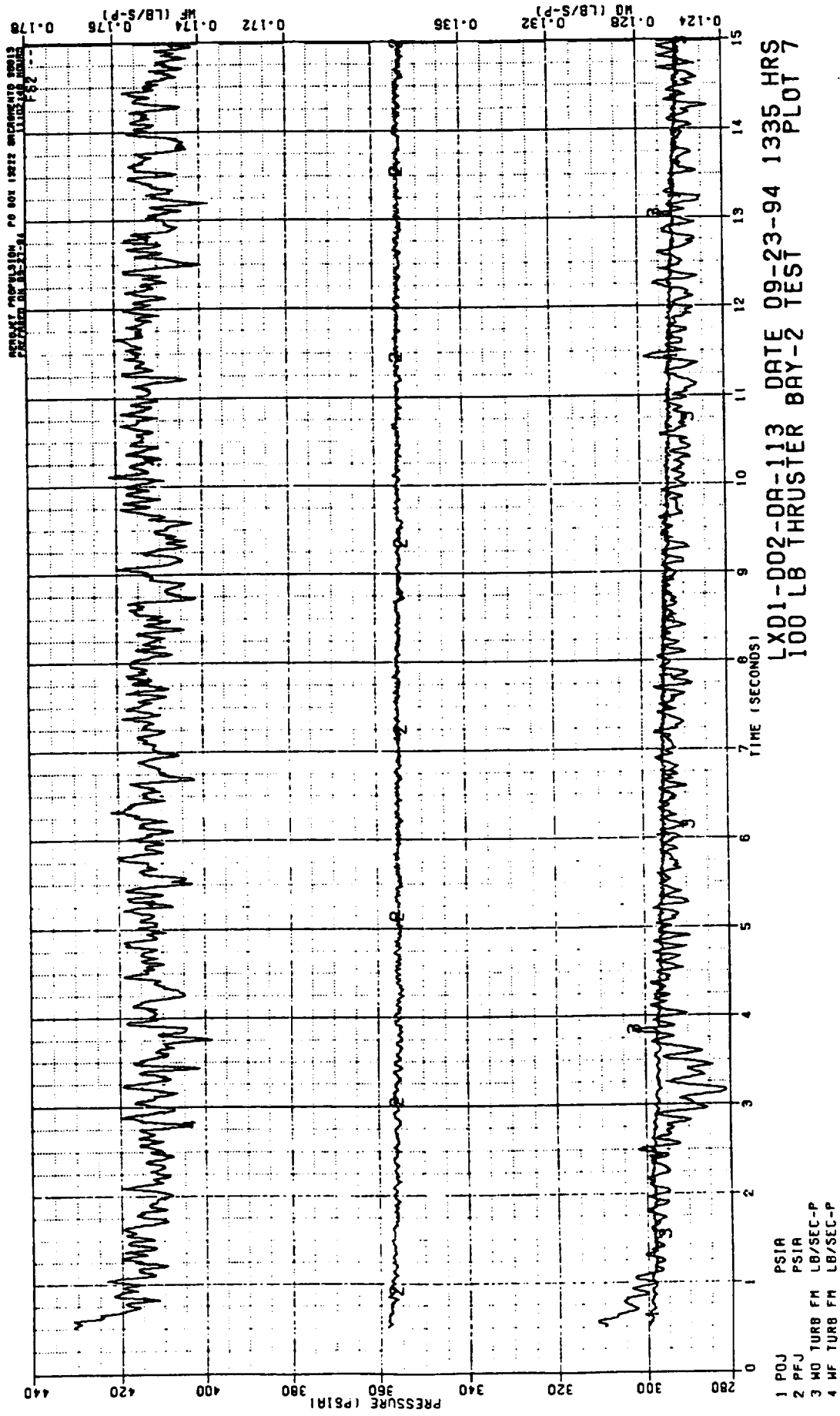
LXD1-D02-0A-113 DATE 09-23-94 1335 HRS
100 LB THRUSTER BAY-2 TEST PLOT 5

RECEIVED: 09-23-94 1335 HRS
 DATE: 09-23-94 1335 HRS
 PLOT 6

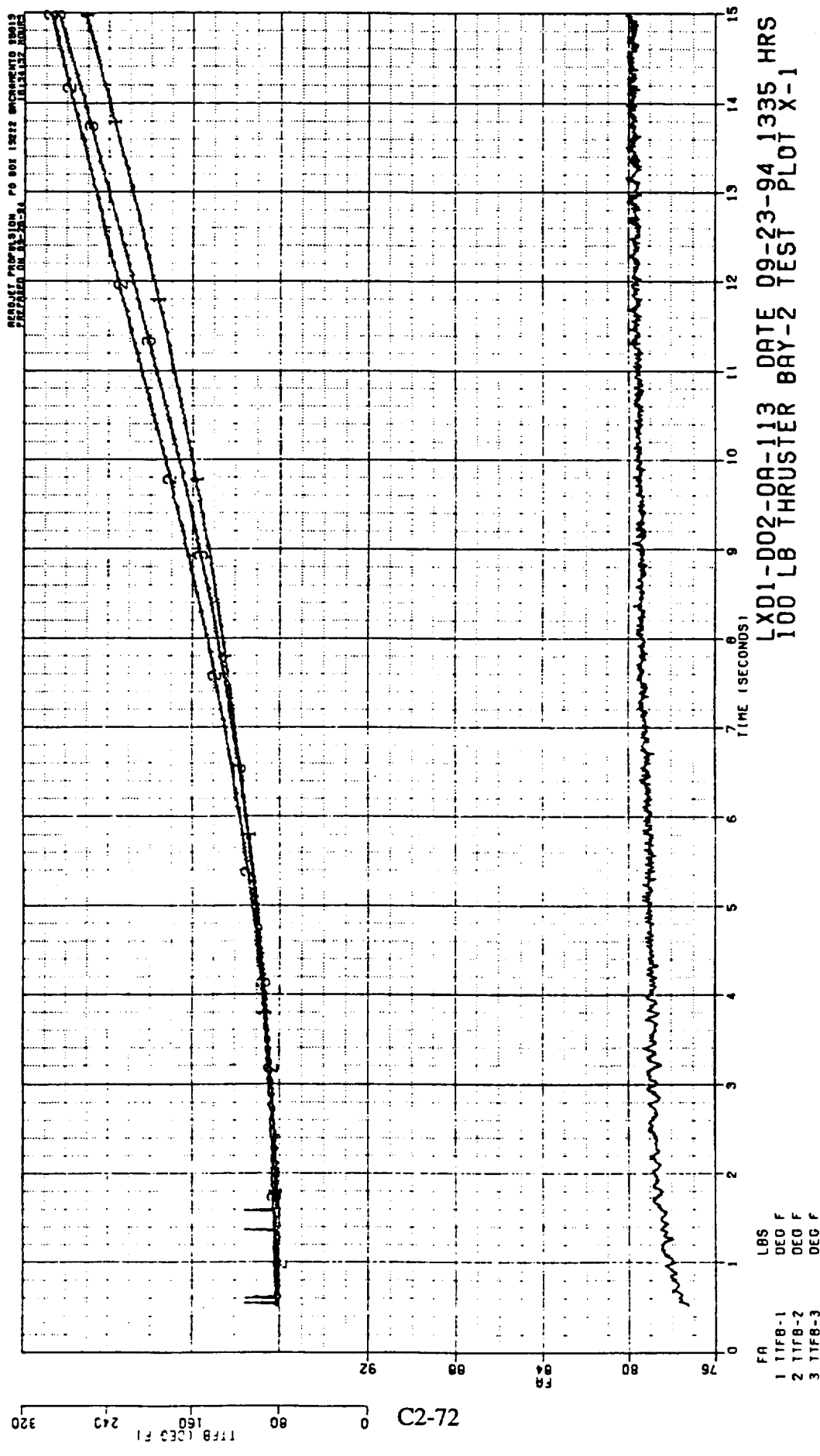


LXD1-DD2-0A-113 DATE 09-23-94 1335 HRS
 100 LB THRUSTER BAY-2 TEST

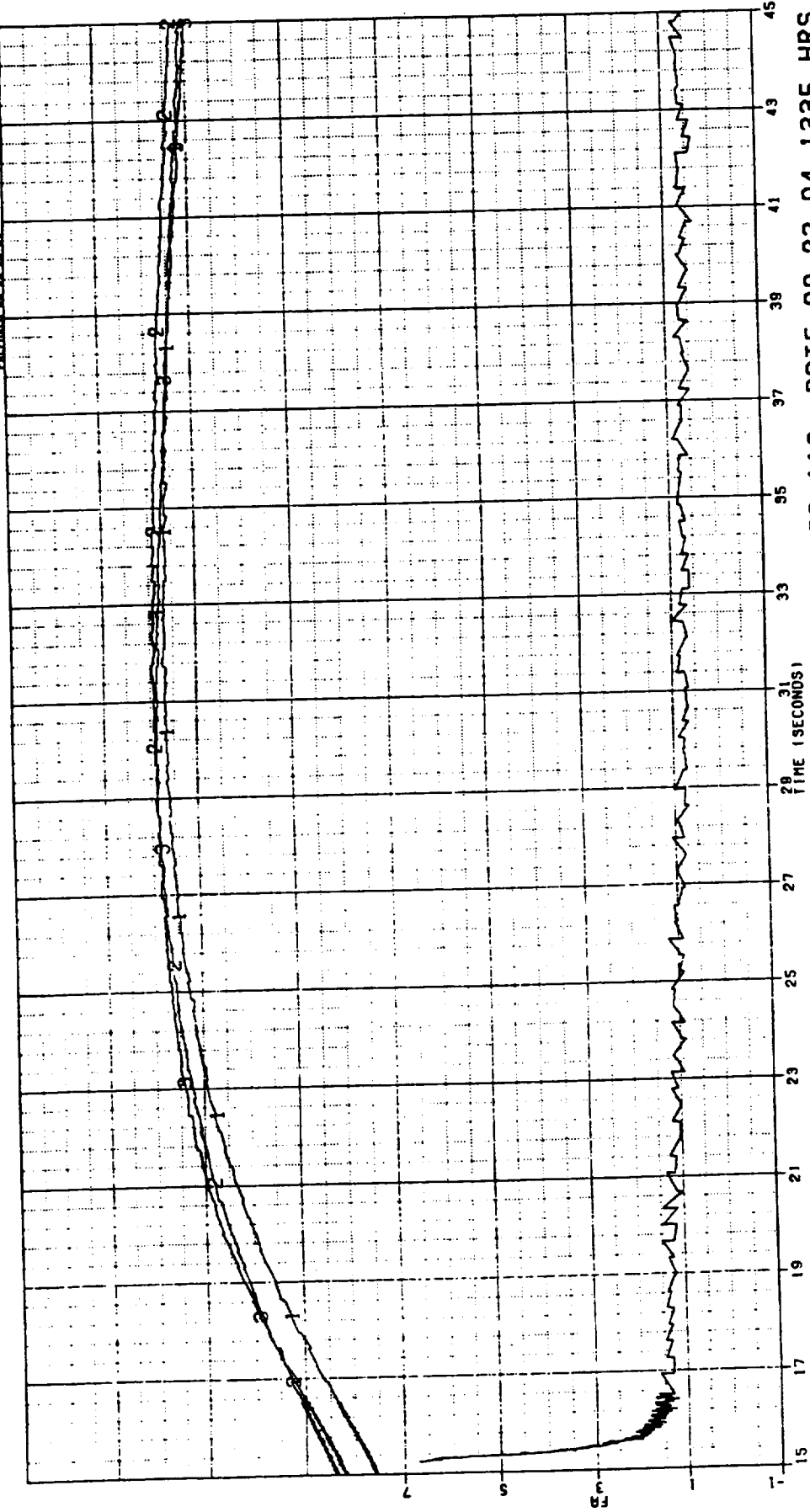
- 1 TC-1 DEG F
- 2 TC-2 DEG F
- 3 TC-3 DEG F
- 4 TC-4 DEG F
- 5 TC-5 DEG F
- 6 TC-6 DEG F
- 7 PYROHI DEG F



LXD1-002-0A-113 DATE 09-23-94 1335 HRS
100 LB THRUSTER BAY-2 TEST PLOT 7



PERFORM PROVISION PO BOX 130722 SACRAMENTO 95812
 10/20/94



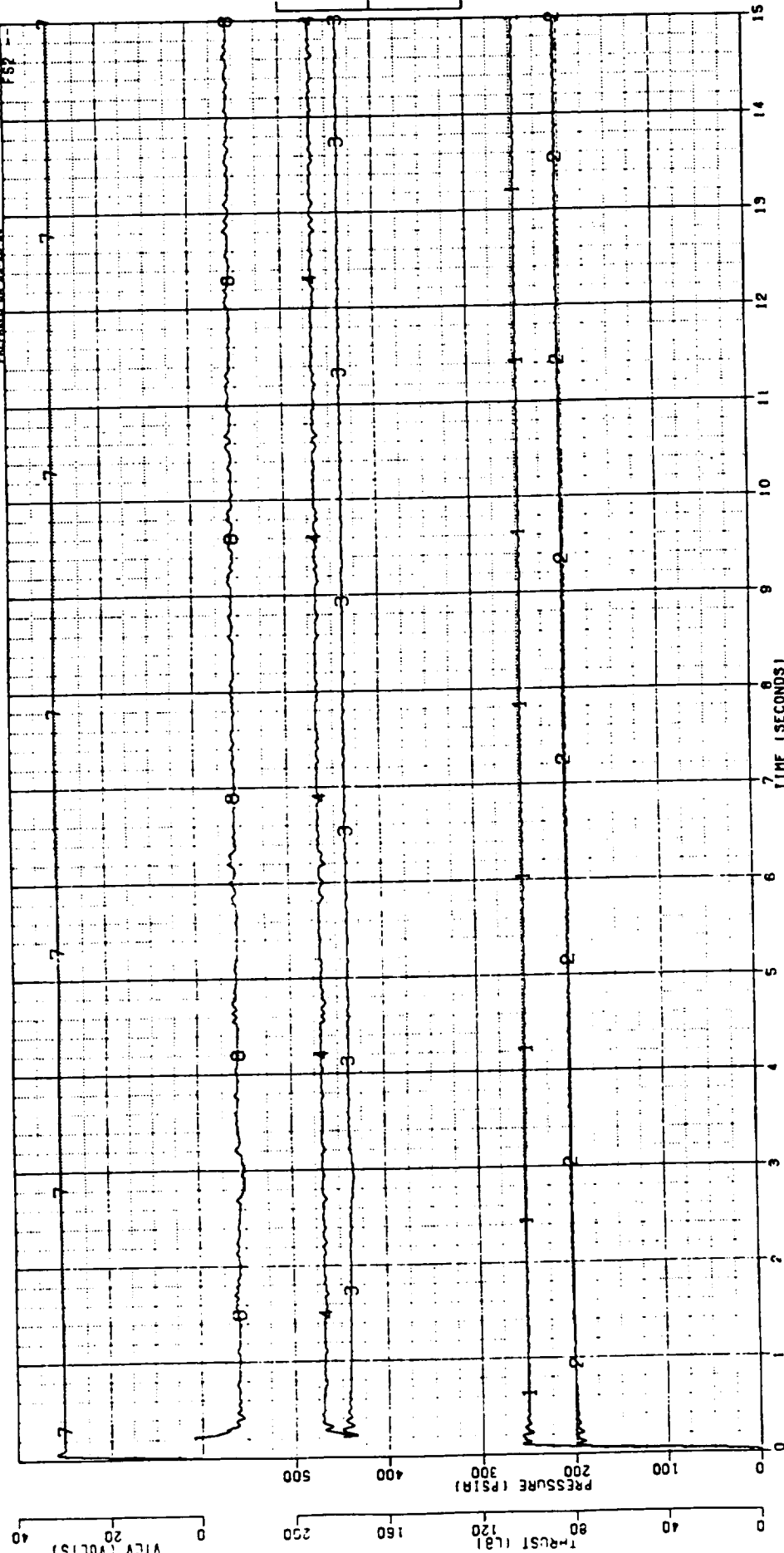
FA LBS
 1 TTFB-1 DEO F
 2 TTFB-2 DEO F
 3 TTFB-3 DEO F

LXD1-D02-0A-113 DATE 09-23-94 1335 HRS
 100 LB THRUSTER BAY-2 TEST PLOT X-2

TTFB 1030 F1 480 560

C2-73

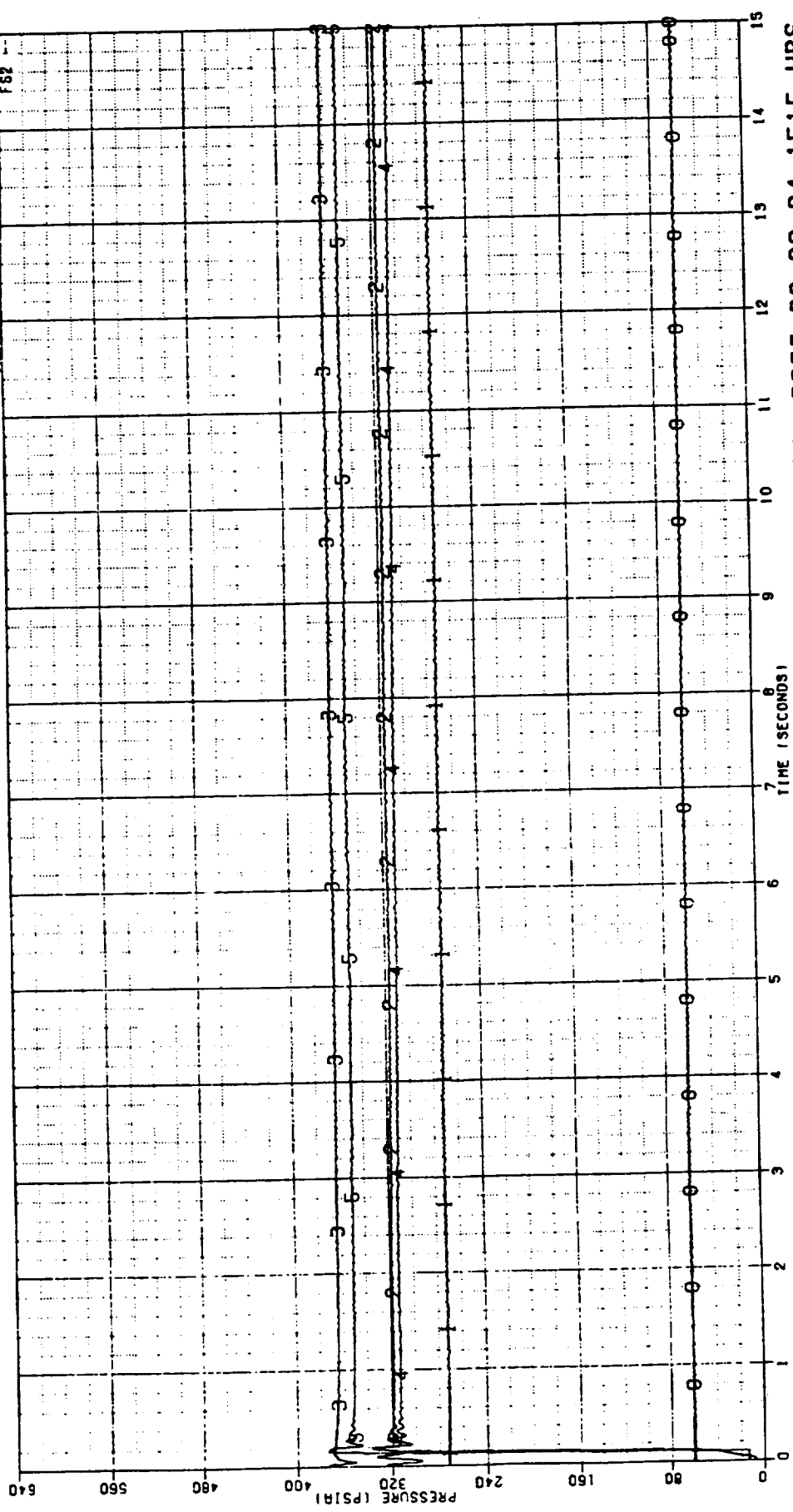
RECEIVED 17 APR 1972 1515 HRS
 PREPARED BY 1515 HRS



LXD1-002-0A-114 DATE 09-23-94 1515 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 1

- 1 PC-1 PSIA
- 2 FR LBS
- 3 WD TURB FM LB/SEC-P
- 4 WF TURB FM LB/SEC-P
- 7 VTCV VOLTS
- 8 MR TURB FM

RESEARCH CORPORATION PO BOX 13222 WASHINGTON DC 20013
 TELEPHONE 202-462-1000



LXD1-D02-0A-114 DATE 09-23-94 1515 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

- 0 POTS PSIA
- 1 PFTR PSIA
- 2 PDL-1 PSIA
- 3 PFL PSIA
- 4 POJ PSIA
- 5 PFJ PSIA

LXD1-002-0A-114 DATE 09-23-94 1515 HRS
100 LB THRUSTER BAY-2 TEST PLOT 3

TEMPERATURE (DEG F)

TIME (SECONDS)

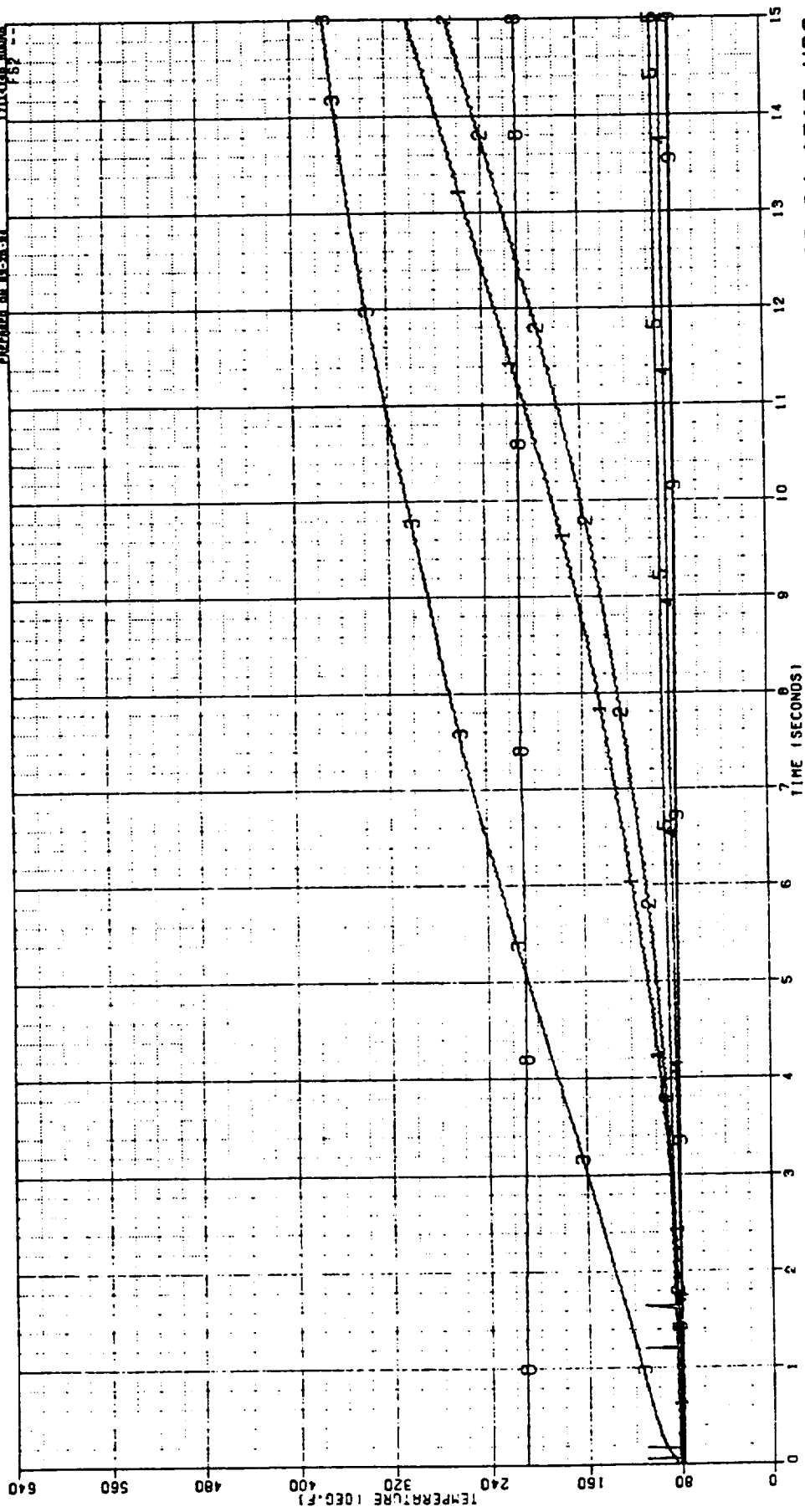
DEG F

7 TCELL

DEG F

0 TOFN
1 TFFM
2 TOV
3 TFI
4 TJB-1
5 TJB-2
6 TJB-3

RECEIVED FROM: 100 LB THRUSTER BAY-2 TEST
 DATE: 09-23-94 1515 HRS
 PLOT 4



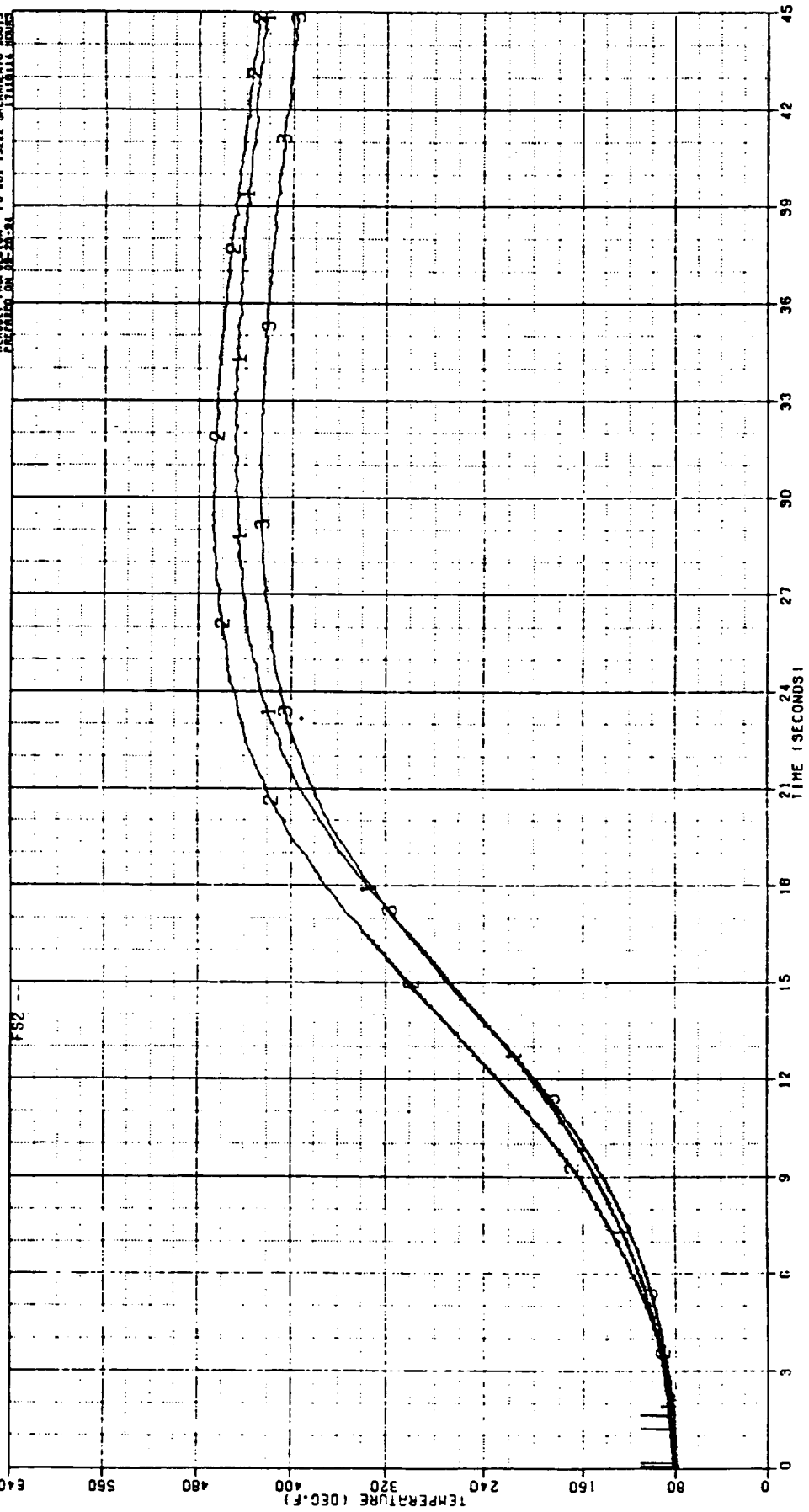
LXD1-D02-0A-114 DATE 09-23-94 1515 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

- 1 T1FB-2 OLC F
- 2 T1FB-3 OLC F
- 3 TCN-1 OLC F
- 4 T1W OLC F
- 5 T1W OLC F
- 6 FNTW-1 LB-W
- 7 FNTW-2 LB-W
- 8 LD-W
- 9 LD-W

C2-77

0.08 0.00 0.08 0.16 0.24
 0.00 0.08 0.16 0.24
 0.00 0.08 0.16 0.24

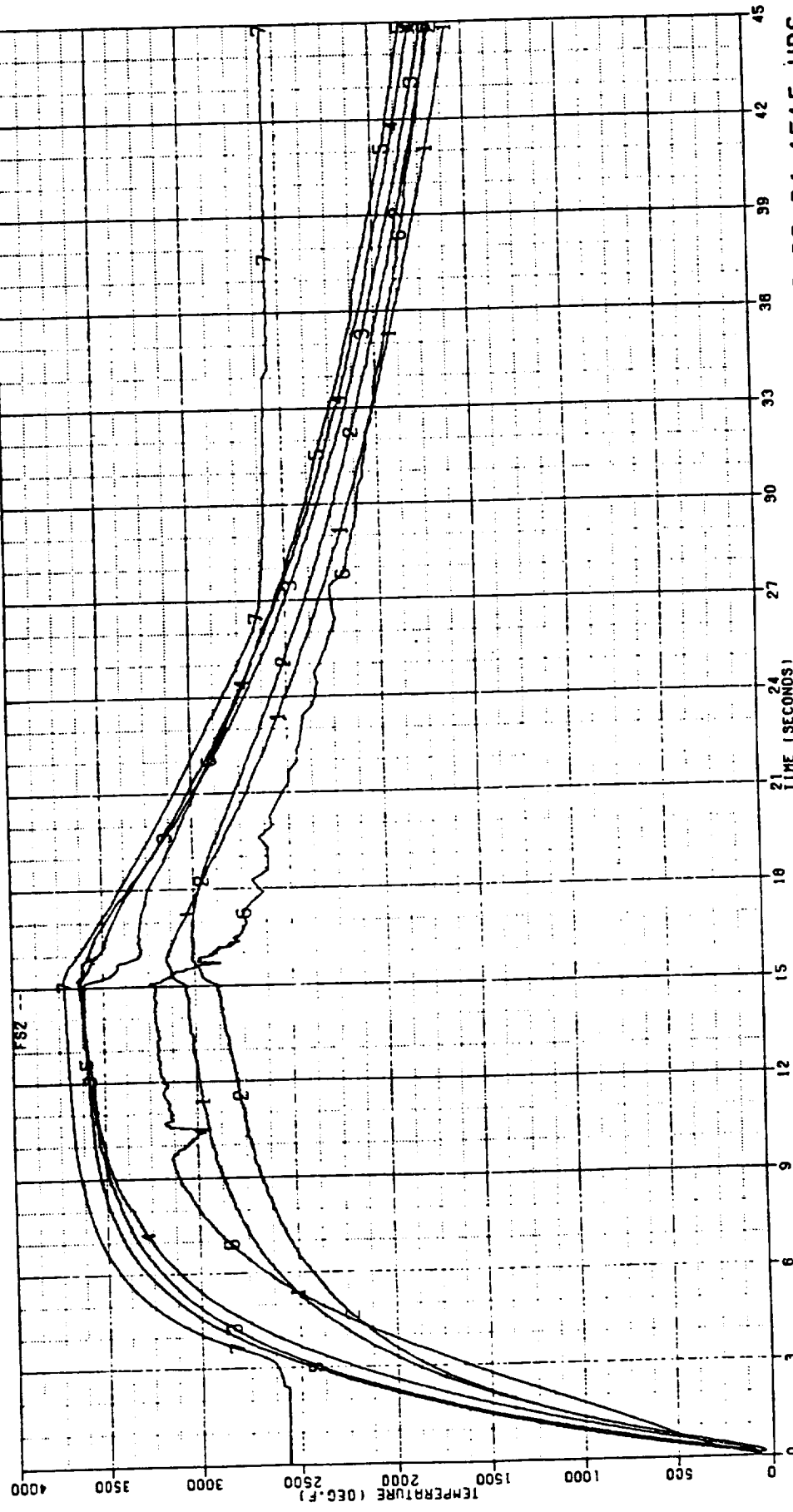
RECEIVED PROVISION PO BOX 19222 SACRAMENTO 95813
 PREPARED ON 08-25-94 171011A 00000



1 TTFB-1 DEO F
 2 TTFB-2 DEO F
 3 TTFB-3 DEO F

LXD1-002-0A-114 DATE 09-23-94 1515 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 5

GENERAL INFORMATION: PO BOX 13212 BIRMINGHAM 28013
 PREPARED BY: J. J. S. S. S.



LXD1-DD2-0A-114 DATE 09-23-94 1515 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 6

- 1 TC-1 DEG F
- 2 TC-2 DEG F
- 3 TC-3 DEG F
- 4 TC-4 DEG F
- 5 TC-5 DEG F
- 6 TC-6 DEG F
- 7 PYROM DEG F

The graph displays three curves labeled 1, 2, and 3, plotted against TIME (SECONDS) on the x-axis (0 to 15) and FR on the y-axis (76 to 92). The curves show a sharp increase in FR starting around 4 seconds, reaching a plateau around 80 FR by 10 seconds. Curve 3 shows significant oscillations after 10 seconds.

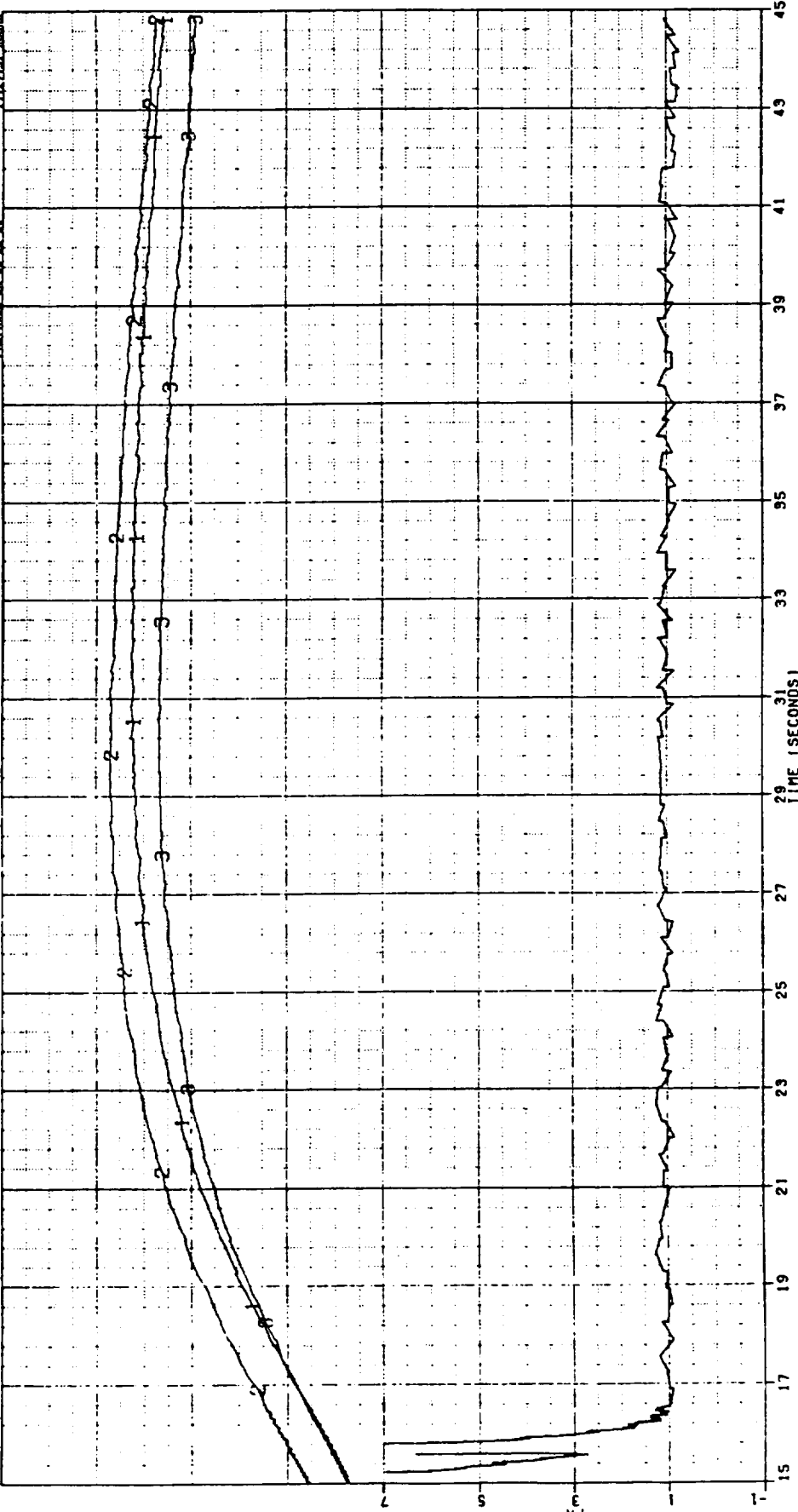
TIME (SECONDS)	FR (Curve 1)	FR (Curve 2)	FR (Curve 3)
0	91.5	91.5	91.5
1	91.5	91.5	91.5
2	91.5	91.5	91.5
3	91.5	91.5	91.5
4	91.5	91.5	91.5
5	91.0	90.5	90.5
6	89.5	89.0	89.0
7	88.0	87.5	87.5
8	86.5	86.0	86.0
9	85.0	84.5	84.5
10	84.0	83.5	83.5
11	83.5	83.0	83.0
12	83.0	82.5	82.5
13	82.5	82.0	82.0
14	82.0	81.5	81.5
15	81.5	81.0	81.0

OSI
LXDI-D02-0A-114 DATE 09-23-94 1515 HRS
1100 LB THRUSTER BAY-2 TEST PLOT X-1

FA	LBS
1 TTFB-1	DEO F
2 TTFB-2	DEO F
3 TTFB-3	DEO F

C2-81

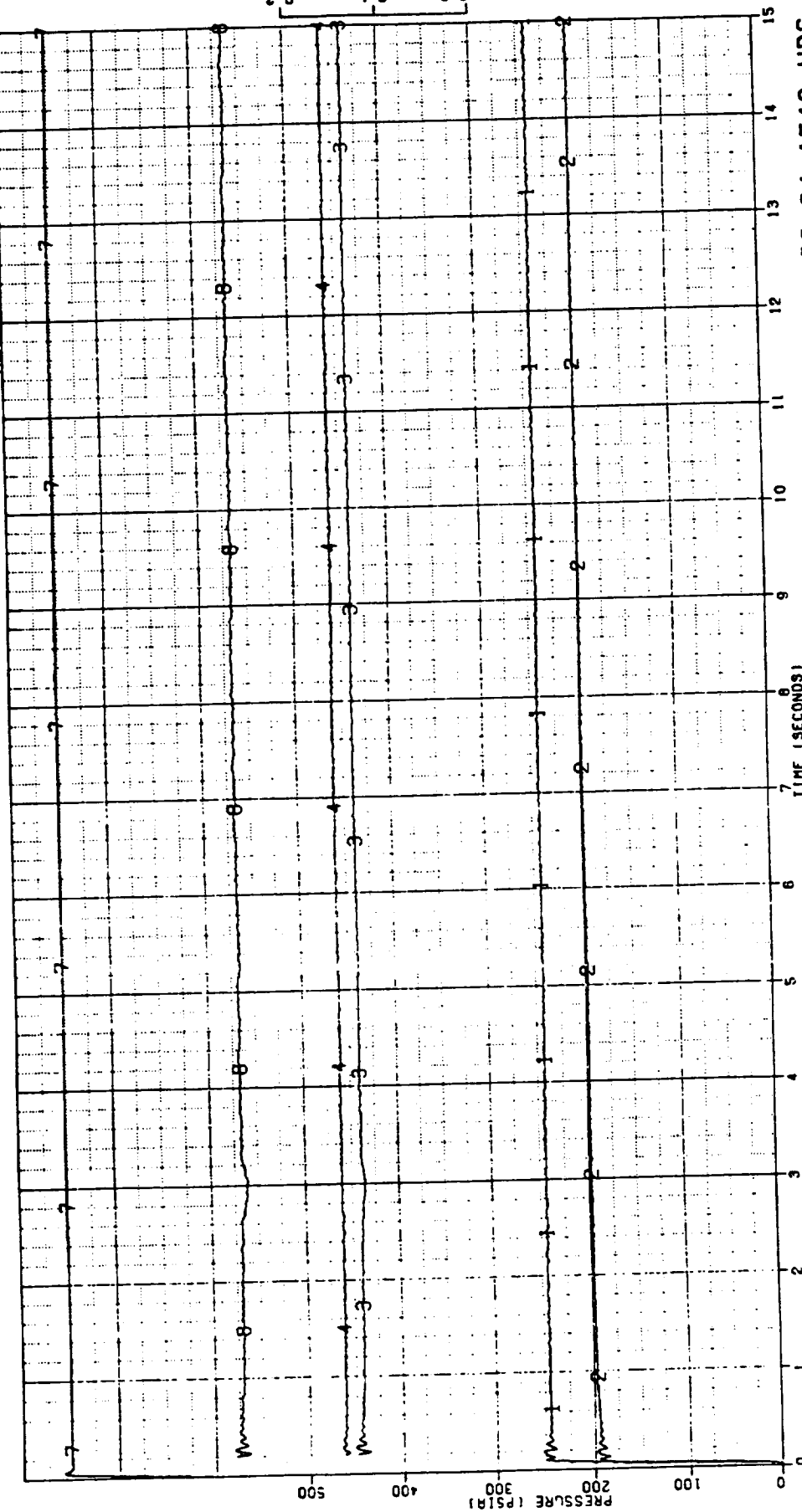
AEROJET PROPULSION PO BOX 15222 ENCINENITO 92015
 PREPARED ON 08-28-94 17:27:31 HOURS



FA	LBS
1 11F8-1	DEO F
2 11F8-2	DEO F
3 11F8-3	DEO F

LXD1-002-0A-114 DATE 09-23-94 1515 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-2

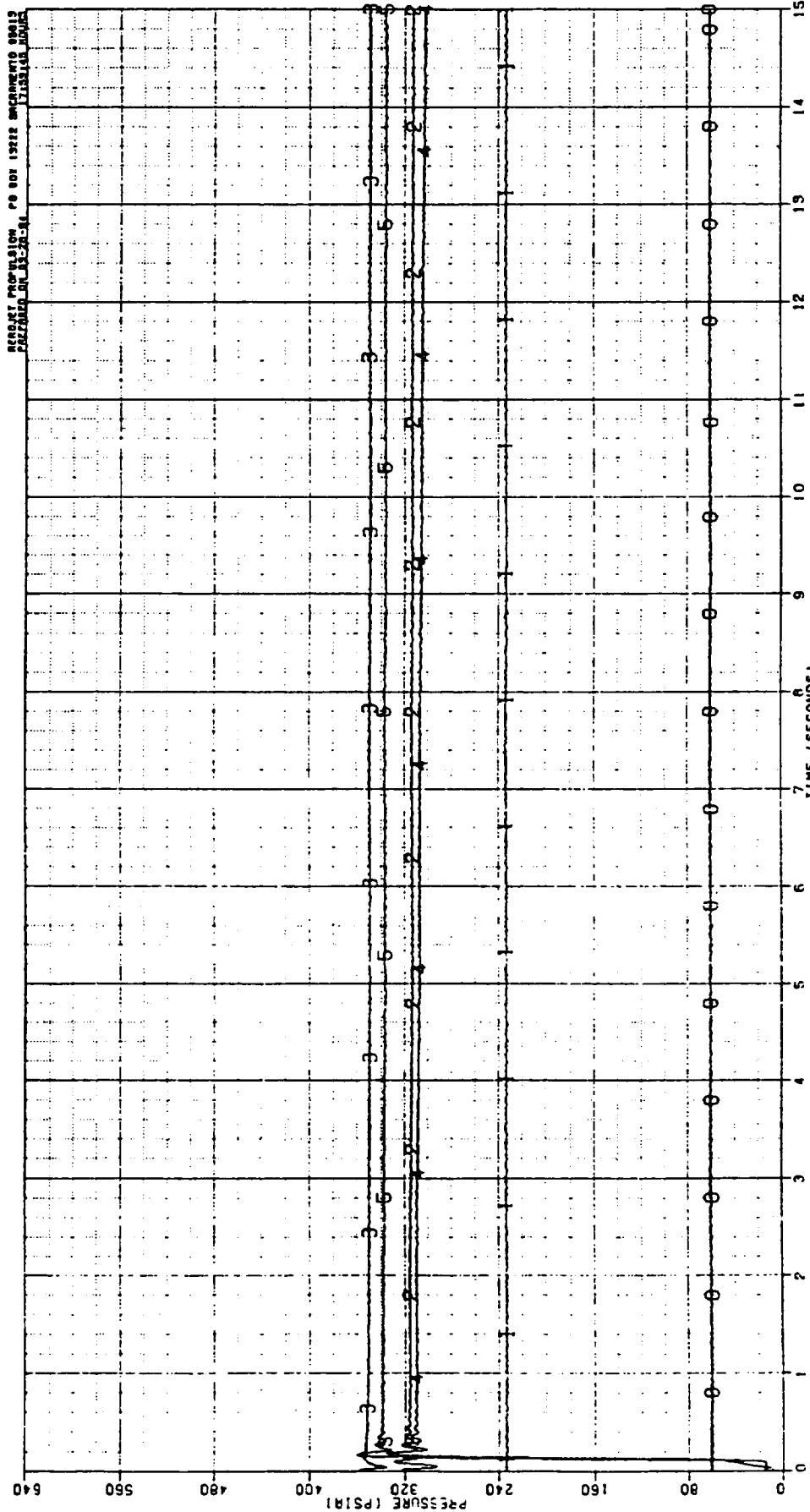
REPORT PREPARED BY: PO BOX 12022 BIRMINGHAM, AL 35212
 PREPARED ON: 11-27-94



LXD1-DO2-0A-115 DATE 09-23-94 1549 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 1

- 1 PC-1 PSIA
- 2 FR LBS
- 3 WD TURB FM LB/SEC-P
- 4 MR TURB FM LB/SEC-P
- 7 VTCV VOLTS
- 8 MR TURB FM

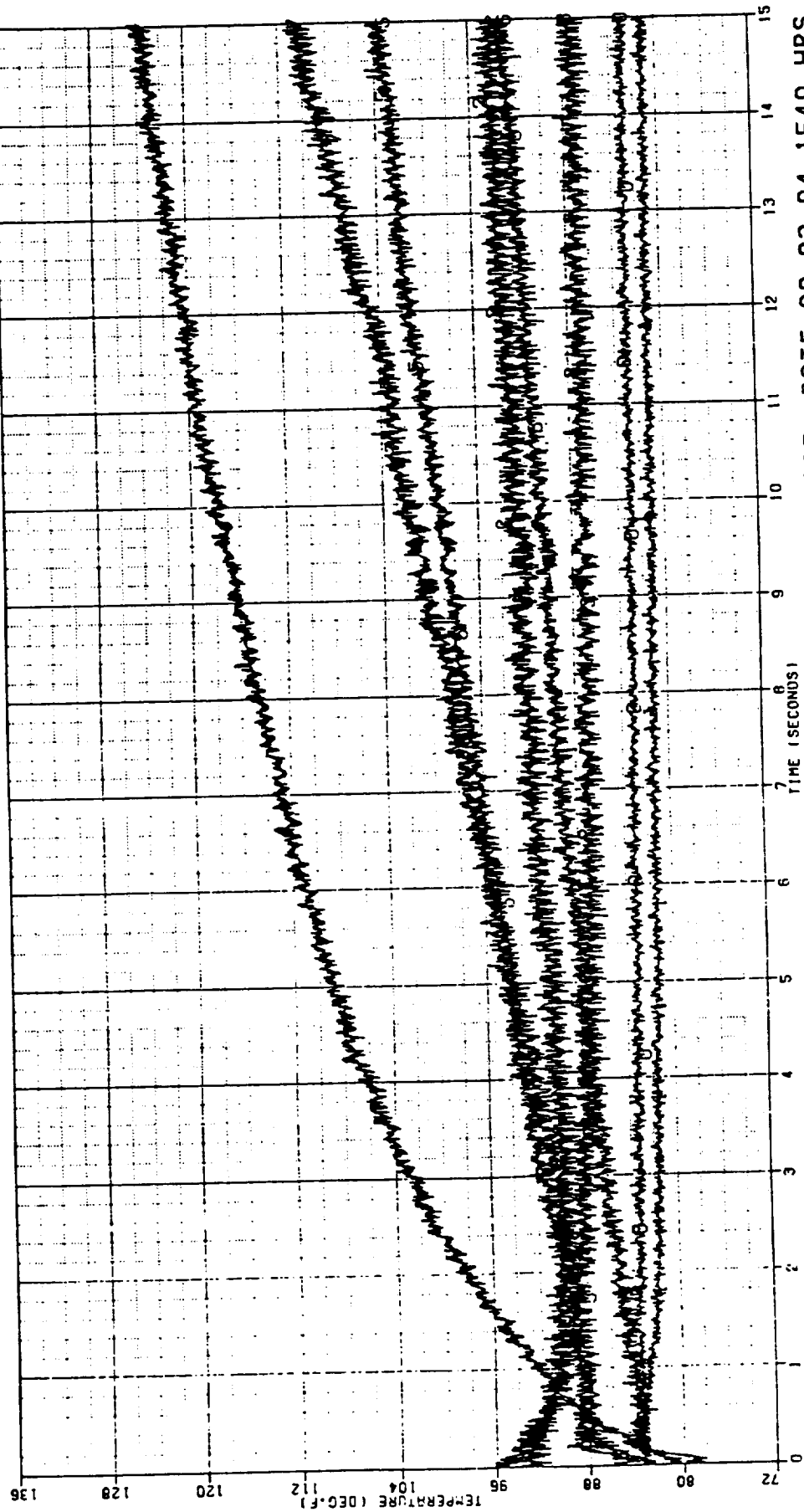
RESEARCH PROVISION PO BOX 137122 MEMPHIS 38013
 RECORDED IN 13-20-94



LXD1-D02-0A-115 DATE 09-23-94 1549 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

0 POTS PSIA
 1 PFTR PSIA
 2 POL-1 PSIA
 3 PFL PSIA
 4 POU PSIA
 5 PFJ PSIA

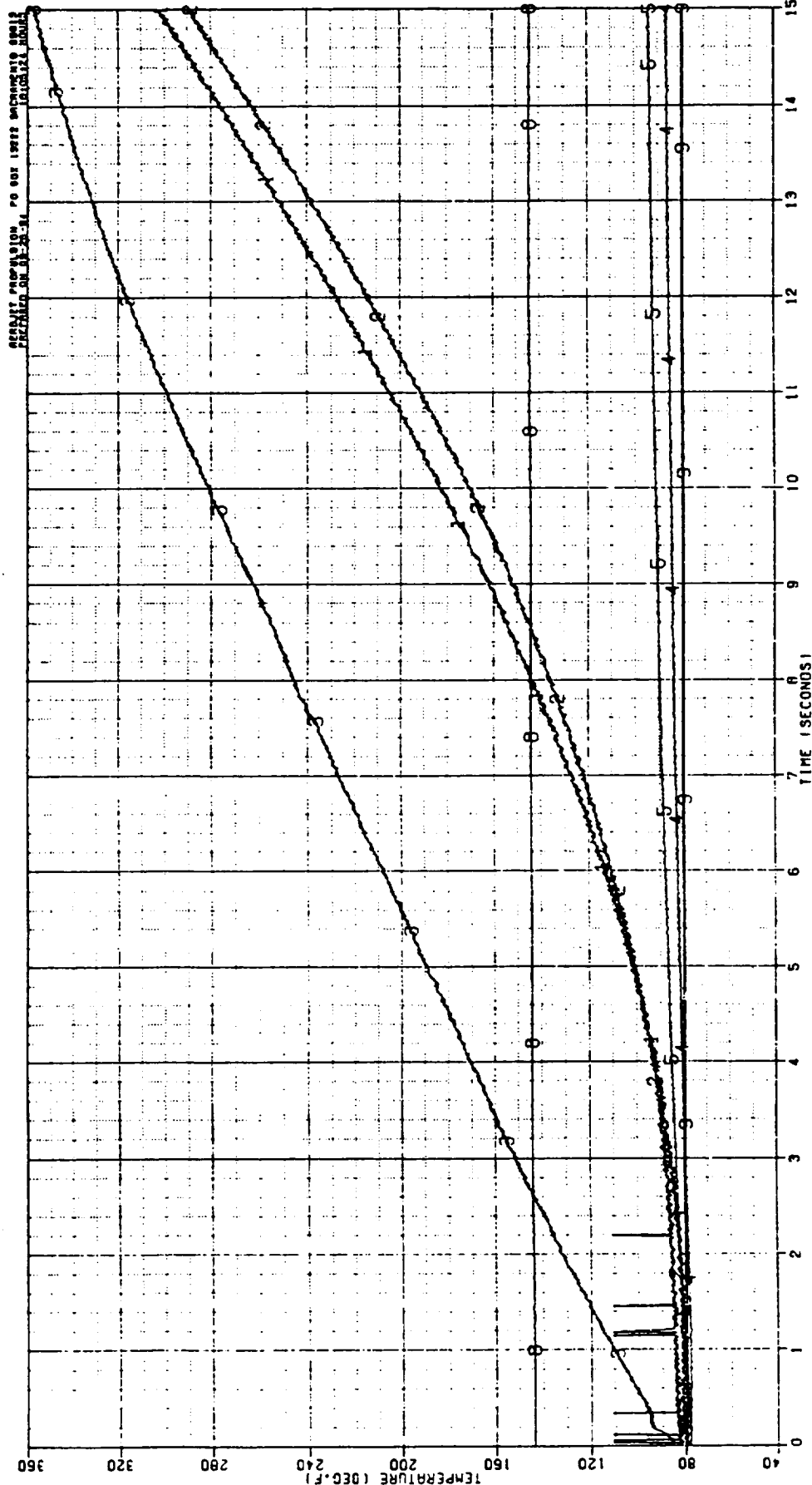
RECENT PRODUCTION, PG 805 15212 ENCLOSURE 8815
 100 LB THRUSTER BAY-2 TEST



LXD1-002-0A-115 DATE 09-23-94 1549 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

- 0 TOFM DEG F
- 1 TFFM DEG F
- 2 TOV DEG F
- 3 TFFV DEG F
- 4 TJ8-1 DEG F
- 5 TJ8-2 DEG F
- 6 TJ8-3 DEG F

REPORT PREPARED BY: PG 901 19912 00000000 00012
 REPORT NO. 901 19912 00000000 00012

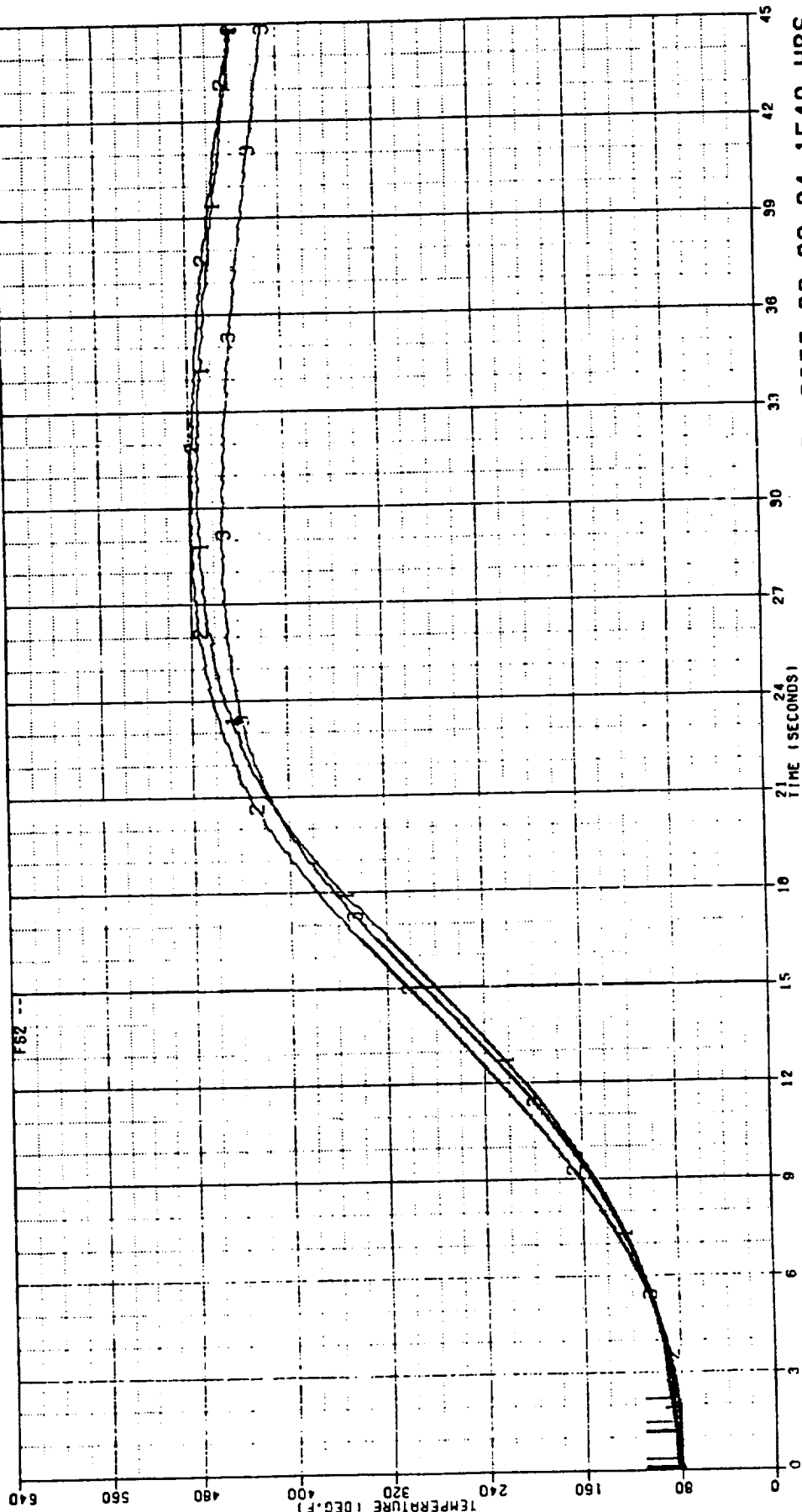


LX01-D02-0A-115 DATE 09-23-94 1549 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

- 1 TTFB-2 DEO F
- 2 TTFB-3 DEO F
- 3 TCN-1 DEO F
- 4 TTW1 DEO F
- 5 TTW0 DEO F
- 6 FTMW-1 LB-W
- 7 FTMW-2 LB-W
- 8 FTMW-1 LB-W
- 9 FTMW-2 LB-W

C2-86 0.24 0.16 0.08 0.00 -0.08
 H2O FLOWRATE (LB/SEC)

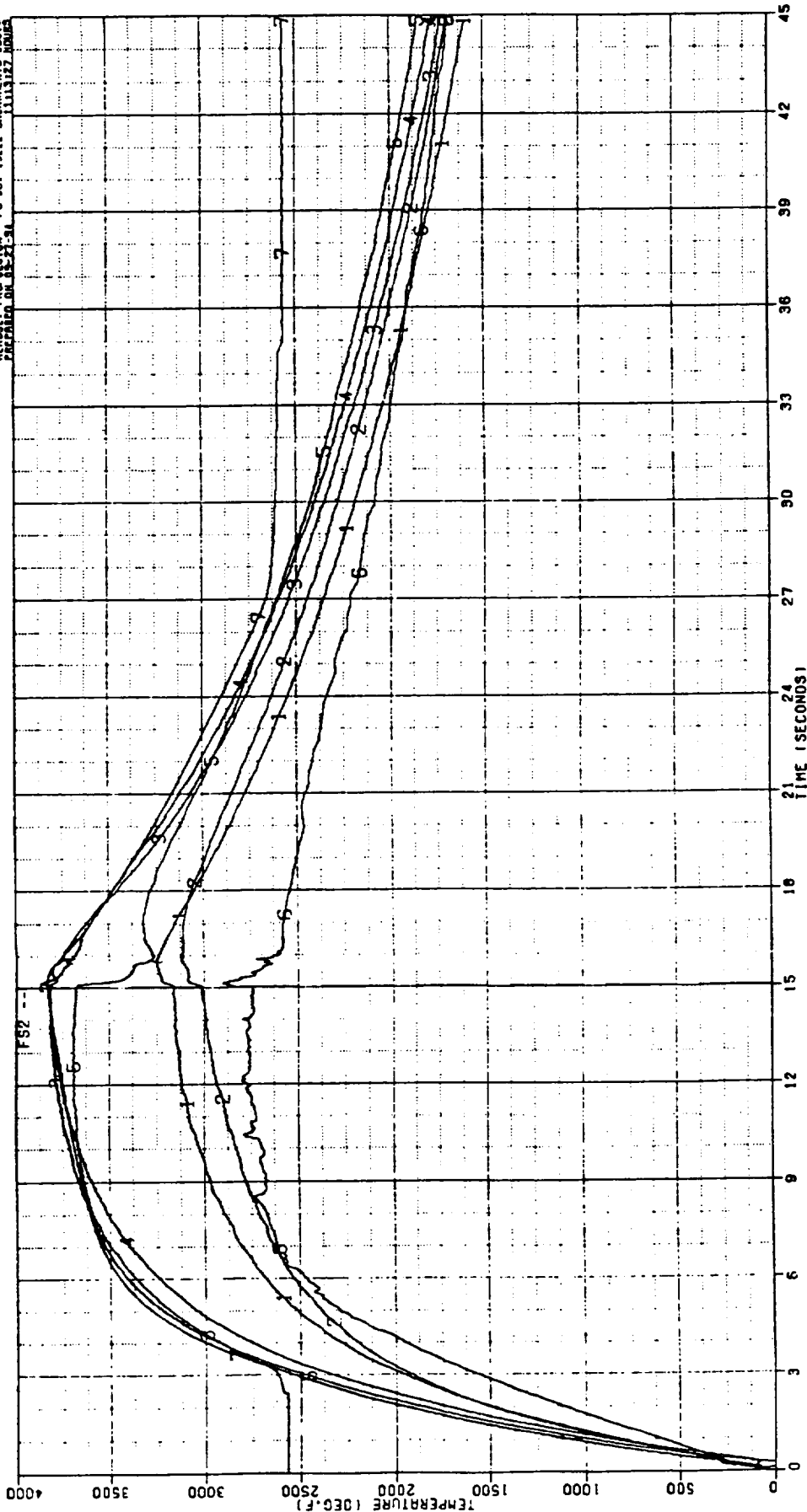
RESEARCH CORPORATION, PO BOX 13522, SHERBOURNE BEACH,
FLORIDA 33413-5222



1 TTFB-1 DEO F
2 TTFB-2 DEO F
3 TTFB-3 DEO F

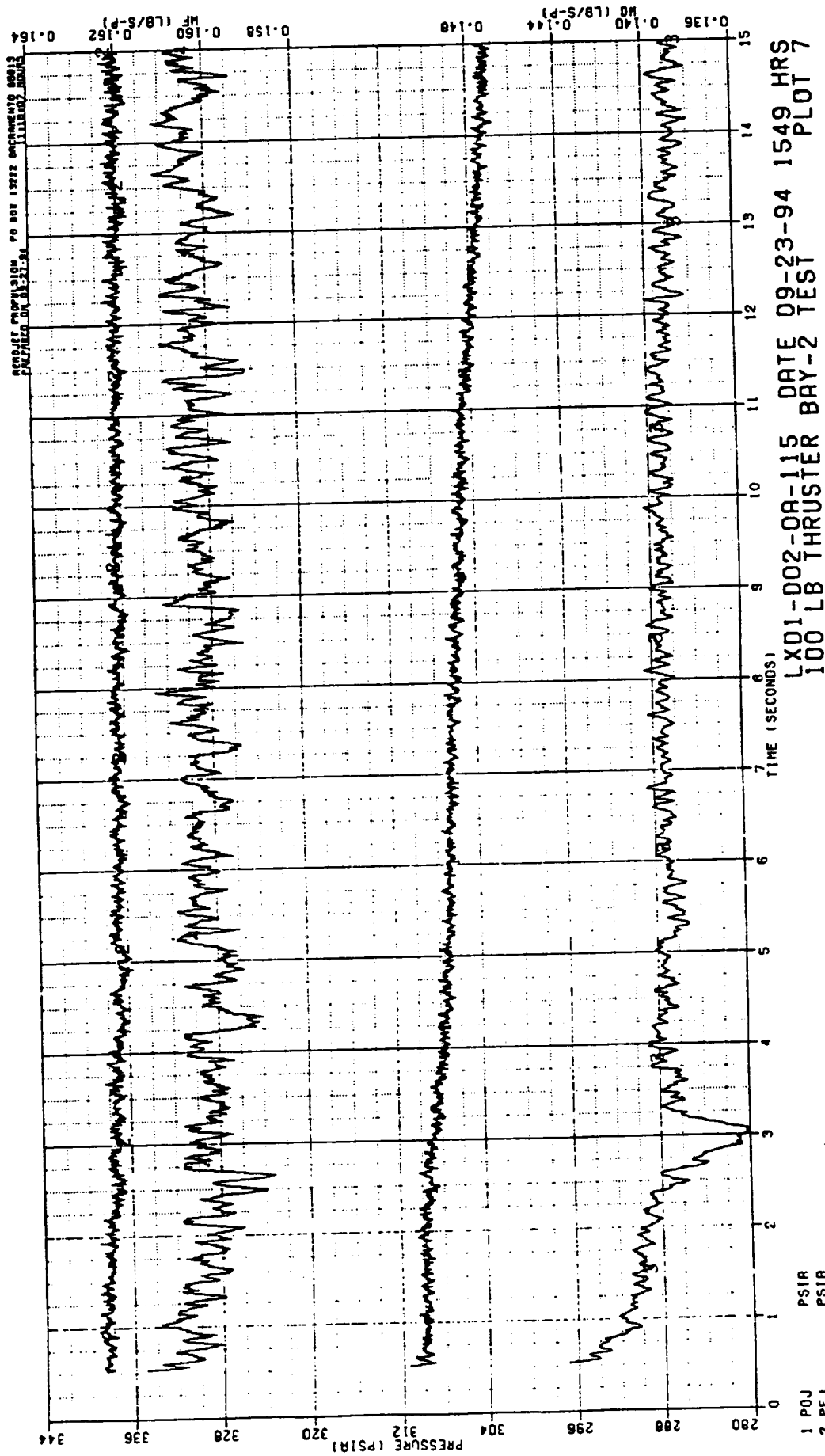
LXD1-D02-0A-115 DATE 09-23-94 1549 HRS
100 LB THRUSTER BAY-2 TEST PLOT 5

PROJECT PROVISION PO BOX 1222 SACRAMENTO 95813
 CALIFORNIA 95813-1222

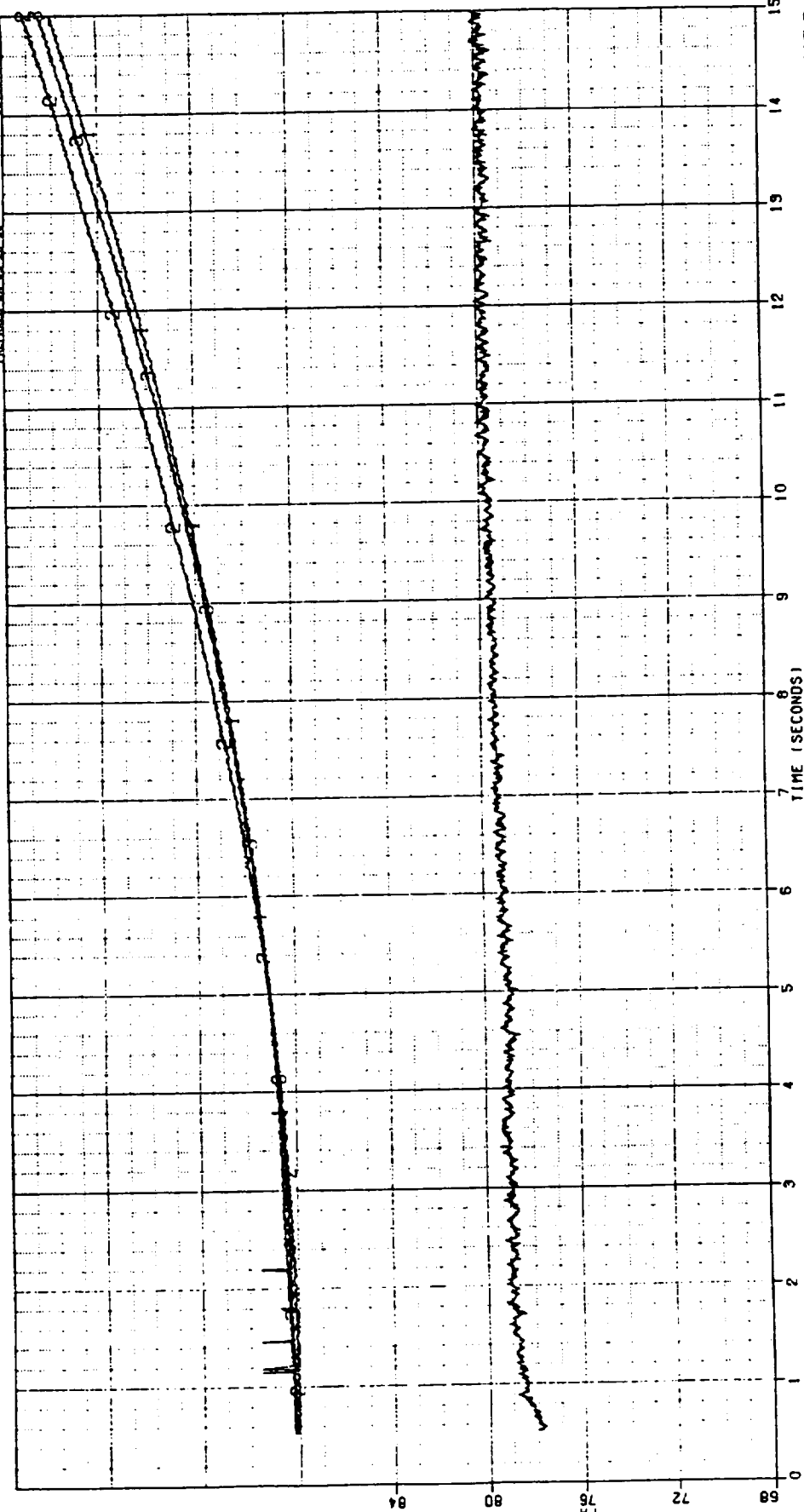


1 TC-1 DEG F
 2 TC-2 DEG F
 3 TC-3 DEG F
 4 TC-4 DEG F
 5 TC-5 DEG F
 6 TC-6 DEG F
 7 PYROM DEG F

LXD1-D02-0A-115 DATE 09-23-94 1549 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 6



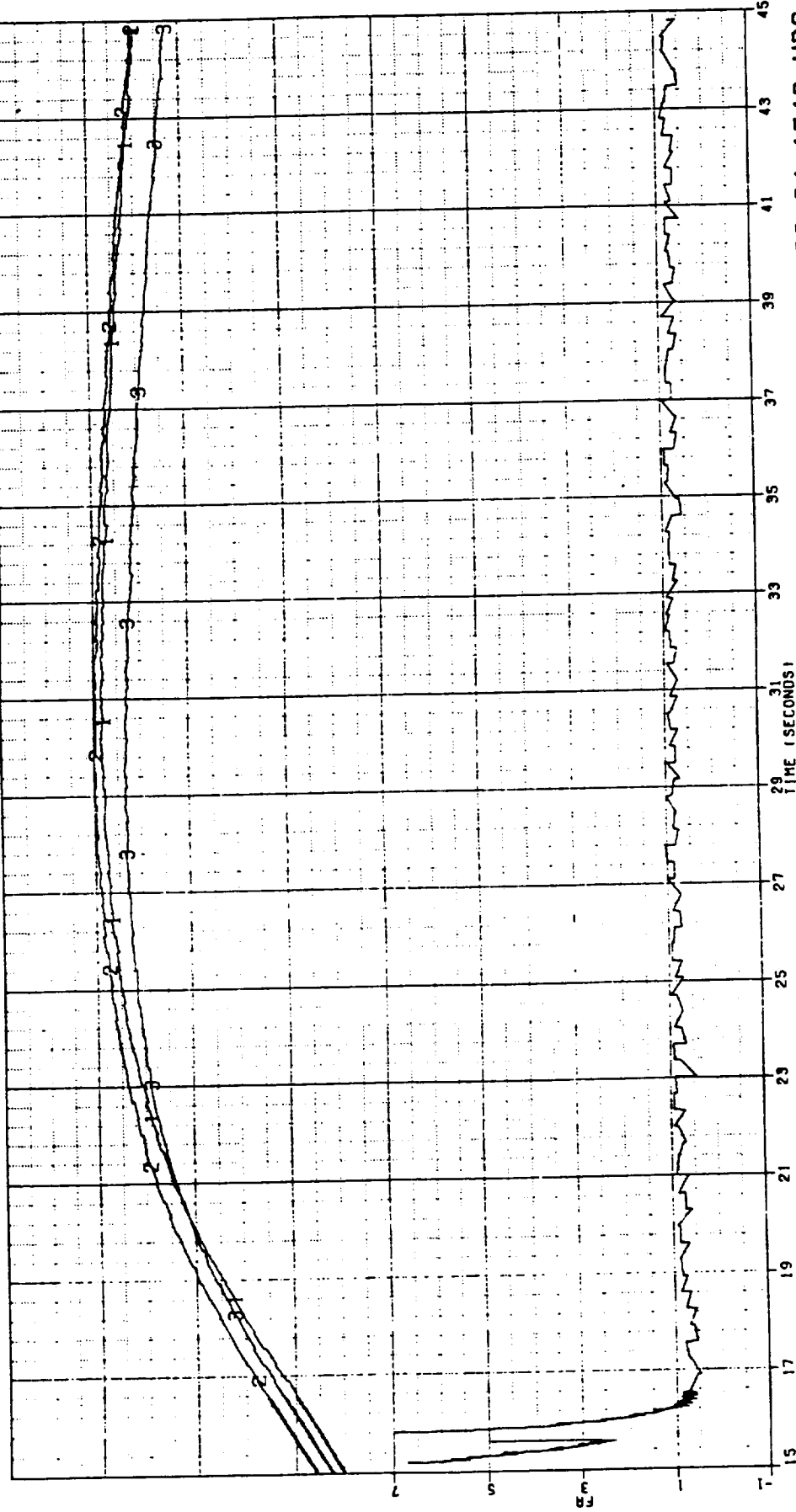
REC'D: 17 NOV 1984 PO BOX 19212 INCREMENT 55413
 PREPARED ON 11-28-84



LXD1-D02-0A-115 DATE 09-23-94 1549 HRS
 100 LB THRUSTER BAY-2 TEST PLOT X-1

FR LBS
 1 T1F8-1 DEC F
 2 T1F8-2 DEC F
 3 T1F8-3 DEC F

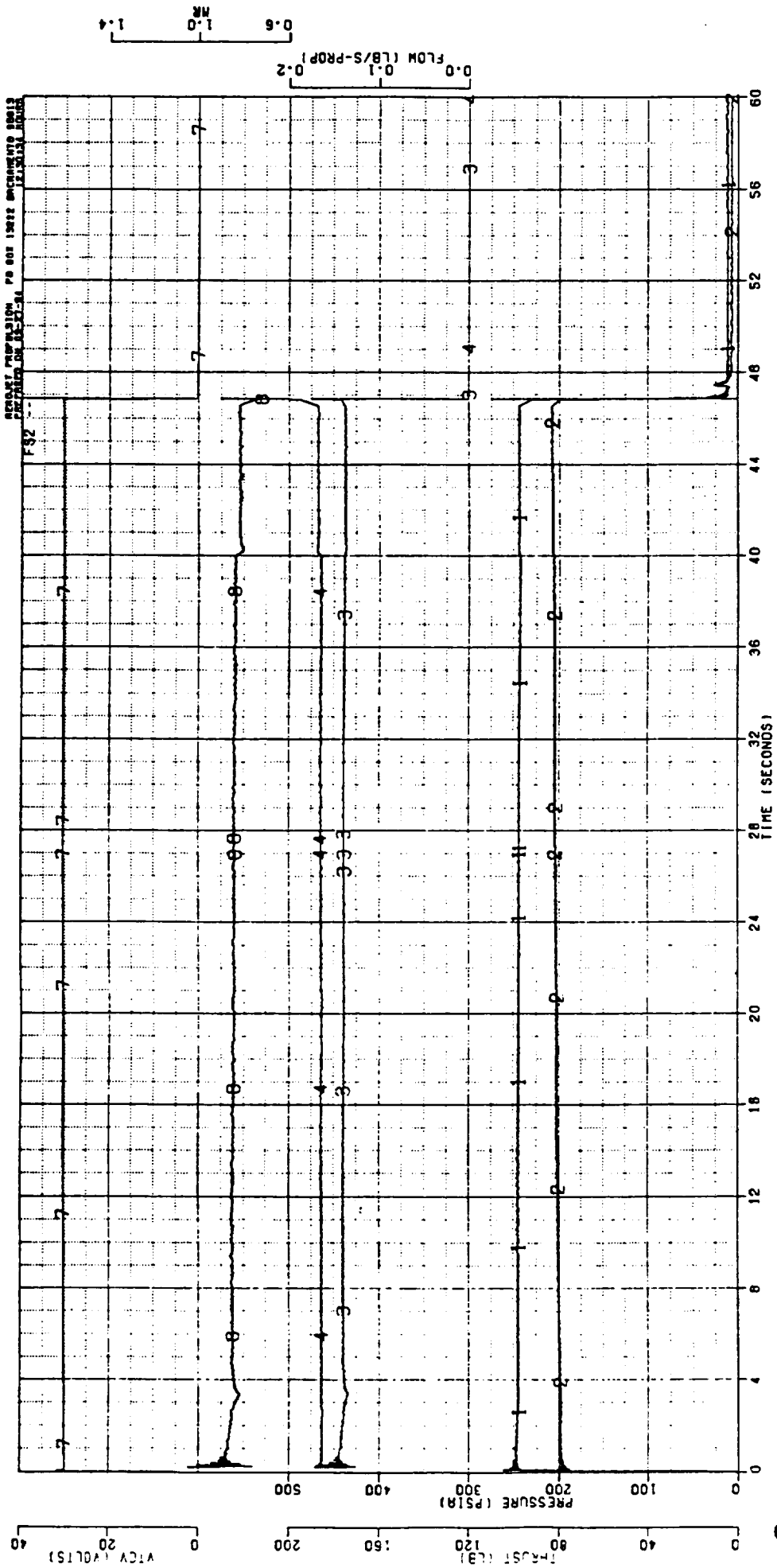
REPORT PROVISION PO BOX 12012 OMAHA NE 68112
 PREPARED BY 11-11-94



LXD1-002-0A-115 DATE 09-23-94 1549 HRS
 100 LB THRUSTER BAY-2 TEST PLOT X-2

FR
 1 TTFB-1
 2 TTFB-2
 3 TTFB-3

LBS
 DEC F
 DEC F
 DEC F

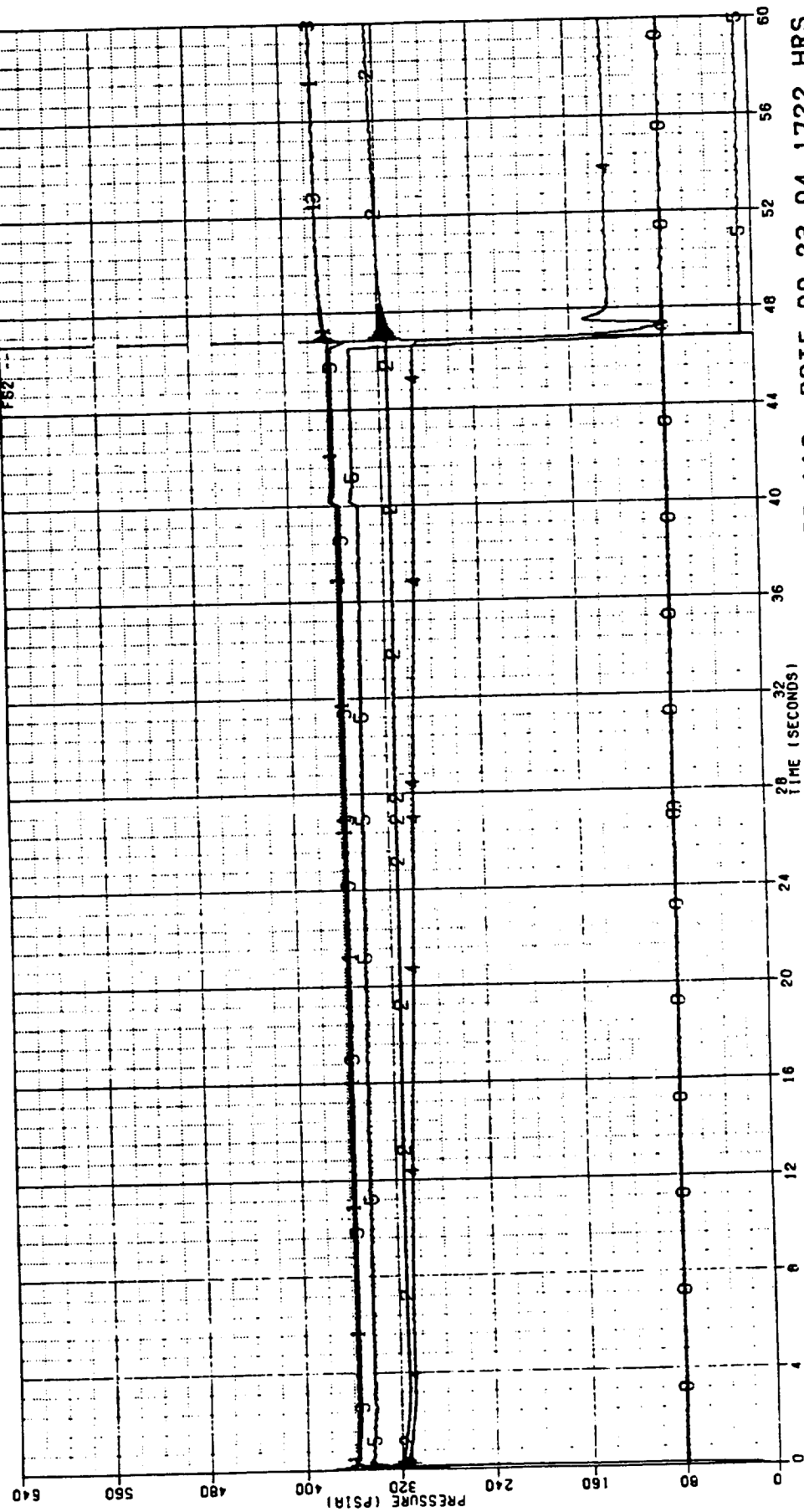


26-22

- 1 PC-1 PSIA
- 2 FR LBS
- 3 WD TURB FM LB/SEC-P
- 4 WF TURB FM LB/SEC-P
- 7 VTCV VOLTS
- 8 MR TURB FM

LXD1-D02-0A-116 DATE 09-23-94 1722 HRS
100 LB THRUSTER BAY-2 TEST PLOT 1

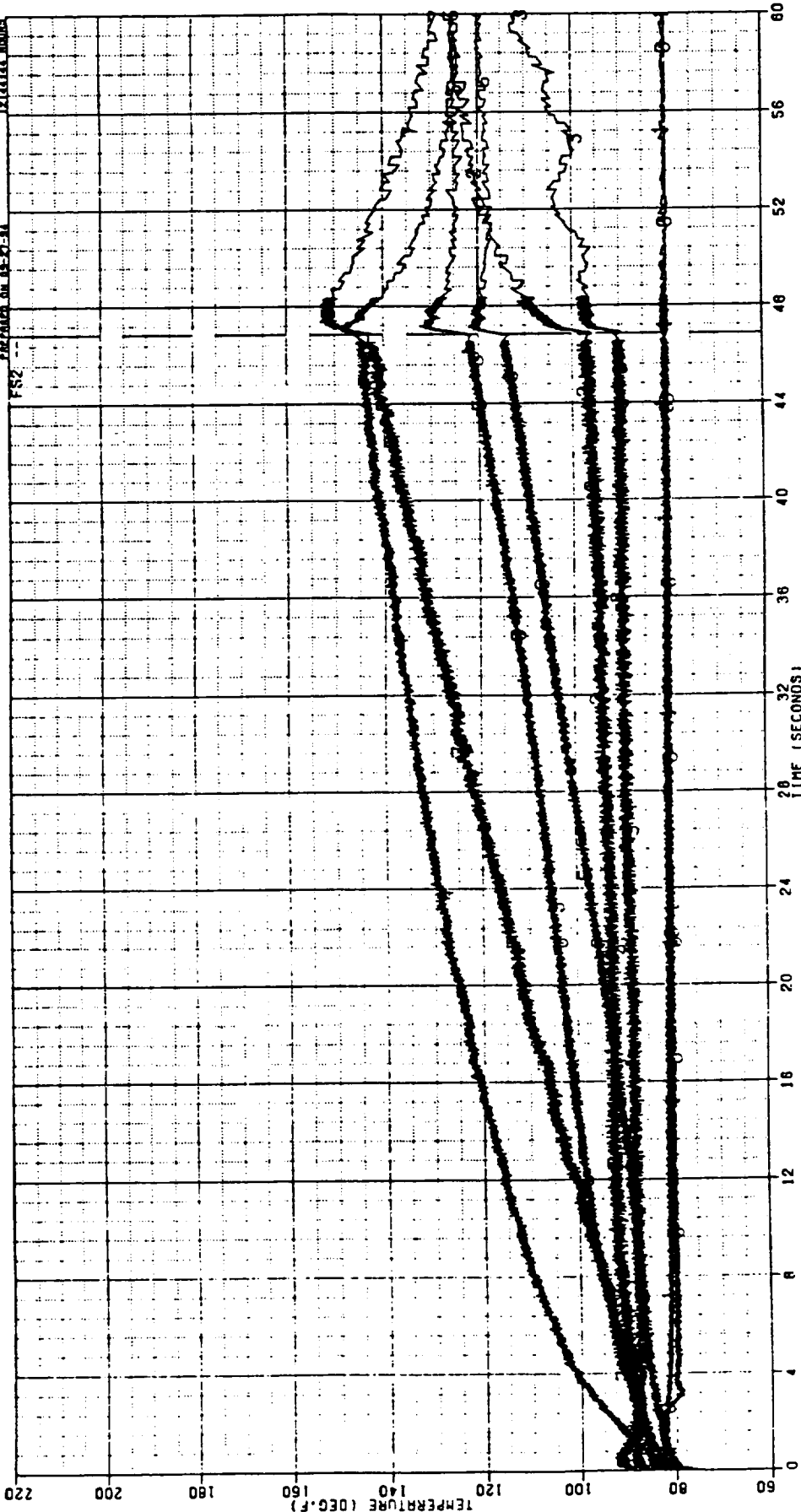
REPORT PREPARED BY: PG BOX 15022 AMMUNITION UNIT
 PREPARED ON: 11-2-94



LXD1-002-0A-116 DATE 09-23-94 1722 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

- 0 P01S PSIA
- 1 P1TR PSIA
- 2 P0L-1 PSIA
- 3 PFL PSIA
- 4 P0J PSIA
- 5 P0J PSIA

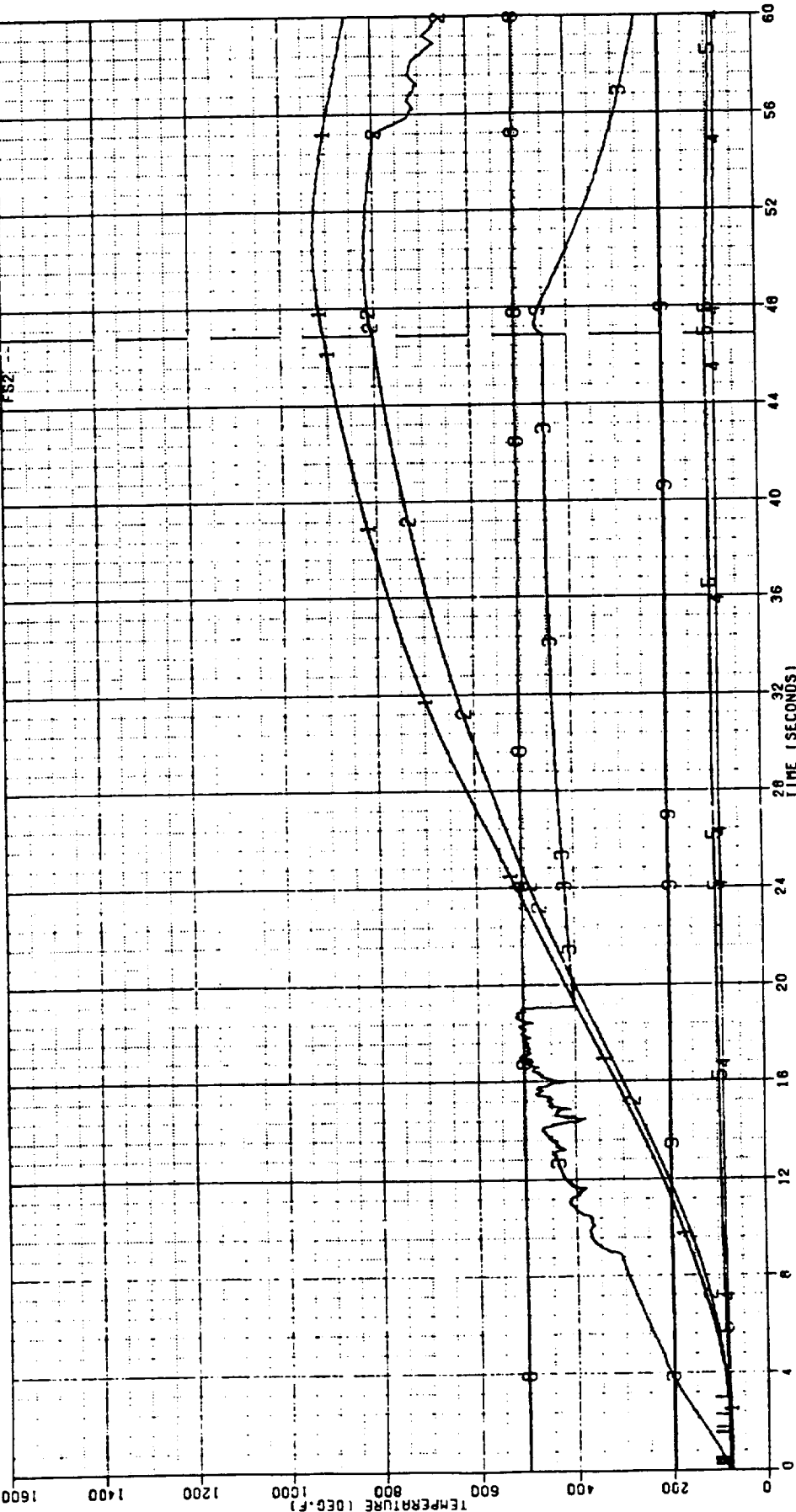
PROJECT PROVISION PG 901 19222 DOCUMENTO 0013
 PRINTED ON 12-21-94



LXD1-002-0A-116 DATE 09-23-94 1722 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

0 TQFM DEG F 7 TCELL DEG F
 1 TFFM DEG F
 2 TOV DEG F
 3 TFVI DEG F
 4 TJ8-1 DEG F
 5 TJ8-2 DEG F
 6 TJ8-3 DEG F

REPORT PREPARED BY: PO BOX 19212 SINGAPORE 9012
 PREPARED ON: 11-21-91

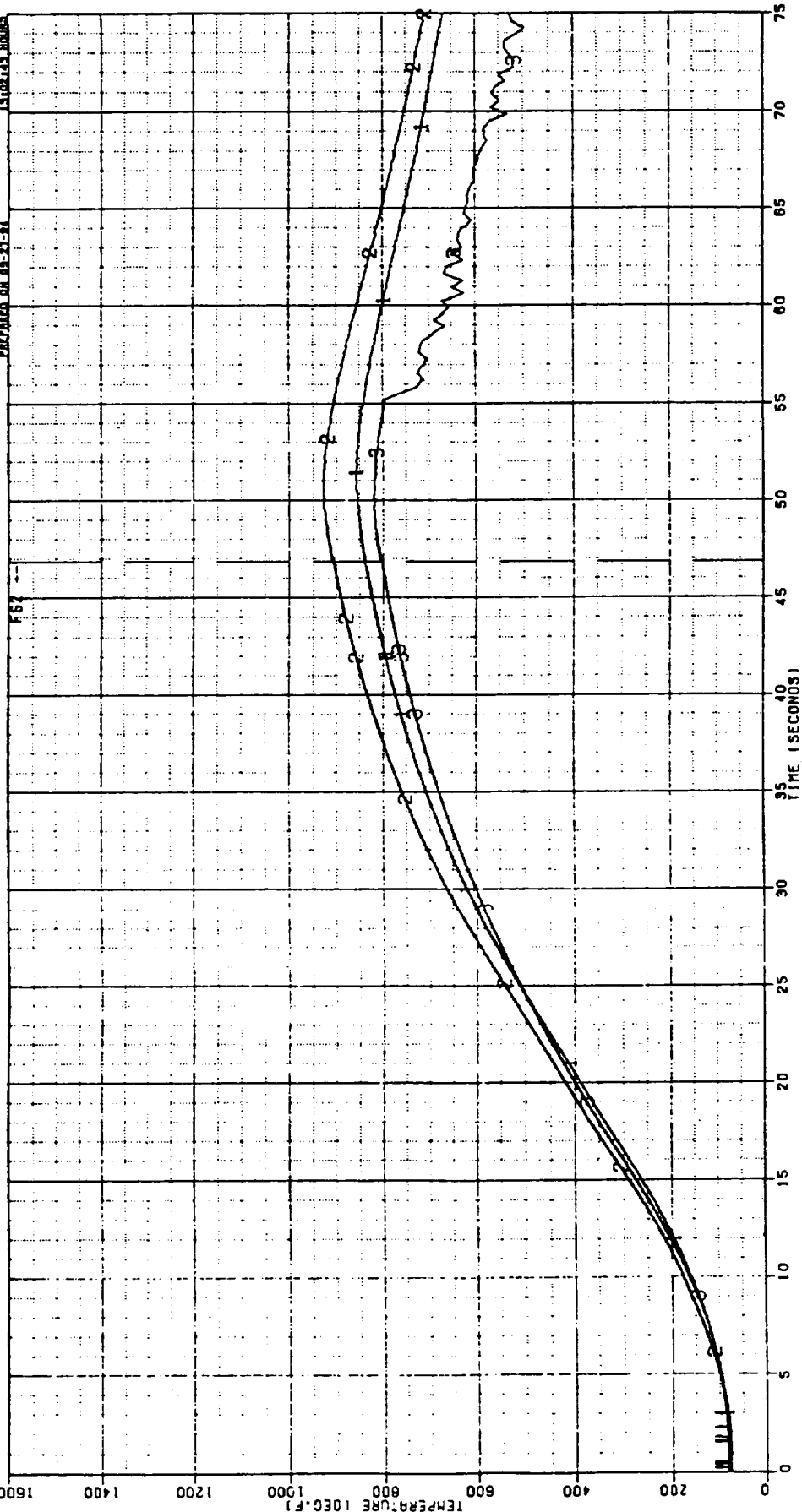


LXD1-D02-0A-116 DATE 09-23-94 1722 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

- 1 TTFB-2 DEO F
- 2 TTFB-3 DEO F
- 3 TCN-1 DEO F
- 4 TTMI DEO F
- 5 TTWO DEO F
- 6 FNTW-1 LB-W
- 9 FNTW-2 LB-W

C2-95
 -0.08
 0.00
 0.08
 0.16
 0.24
 -20 FLUX RATE (LB/SEC)

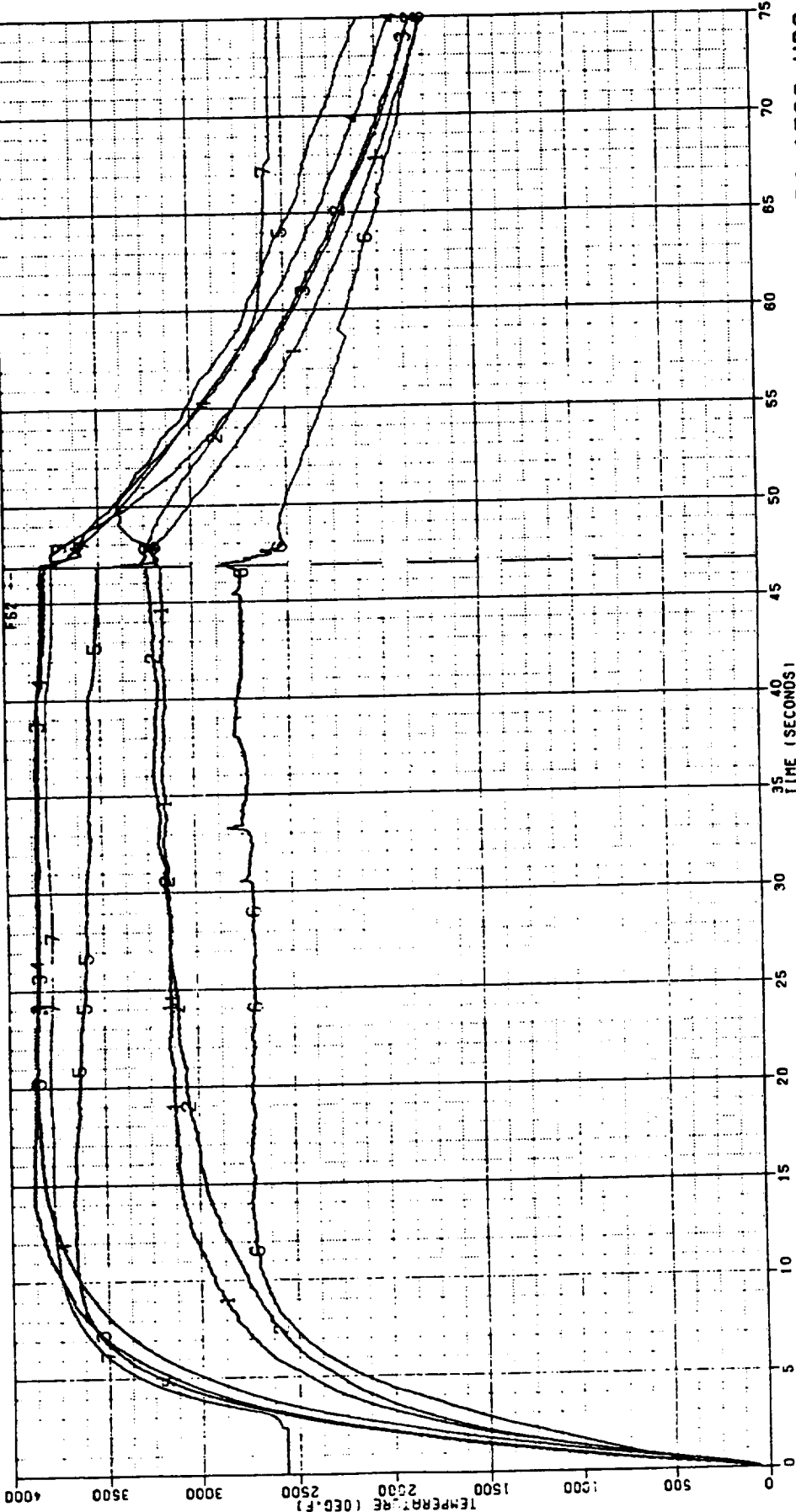
PROJECT PROVISION PO 001 19722 SACRAMENTO 09013
PROVIDED ON 09-23-94



LXD1-D02-0A-116 DATE 09-23-94 1722 HRS
100 LB THRUSTER BAY-2 TEST PLOT 5

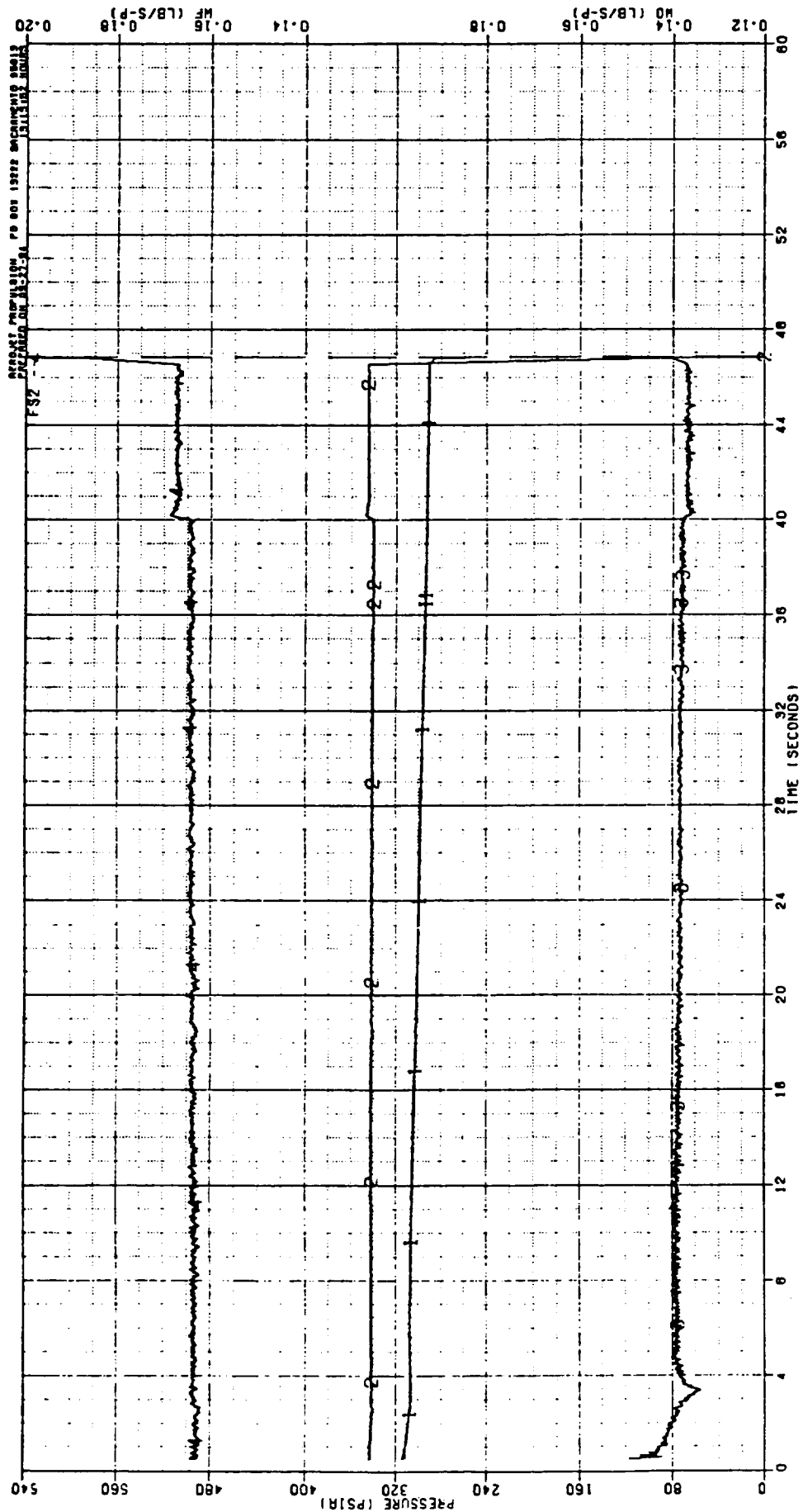
1 TTFB-1 DEO F
2 TTFB-2 DEO F
3 TTFB-3 DEO F

RECEIVED FROM DIVISION PO BOX 12222 MEMPHIS 38012
 PREPARED BY 4-11-94 1301011 BOUN



- 1 TC-1
- 2 TC-2
- 3 TC-3
- 4 TC-4
- 5 TC-5
- 6 TC-6
- 7 PYROMI

LXD1-D02-0A-116 DATE 09-23-94 1722 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 6

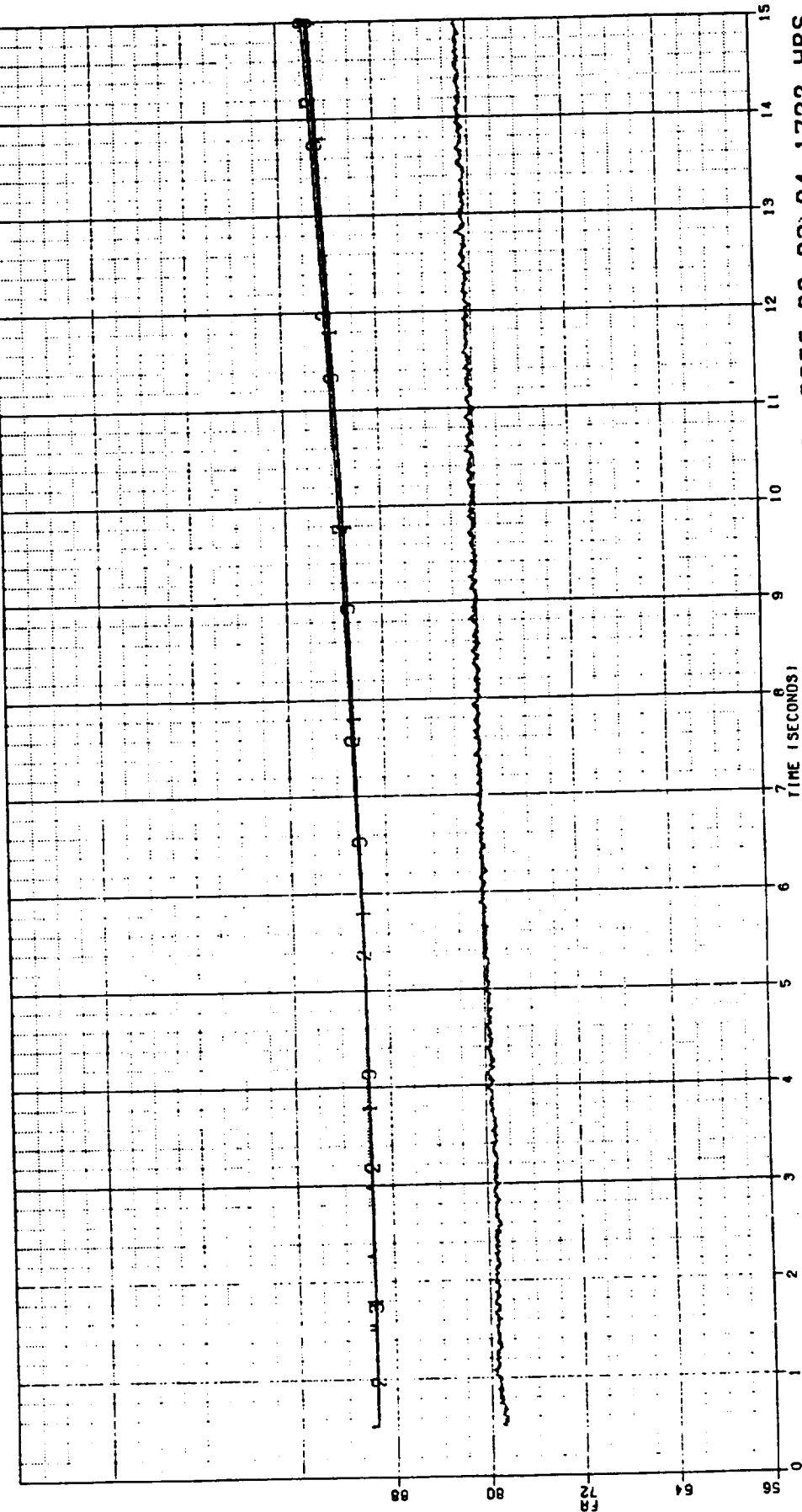


C2-98

- 1 P0J PSIA
- 2 PFJ PSIA
- 3 W0 TURB FM LB/S-C-P
- 4 W1 TURB FM LB/S-C-P

LXD1-002-0A-116 DATE 09-23-94 1722 HRS
100 LB THRUSTER BAY-2 TEST PLOT 7

PROJECT REPORT ON, PD BOX 13012 INVENTED, 19612
 PREPARED ON 12-1-54

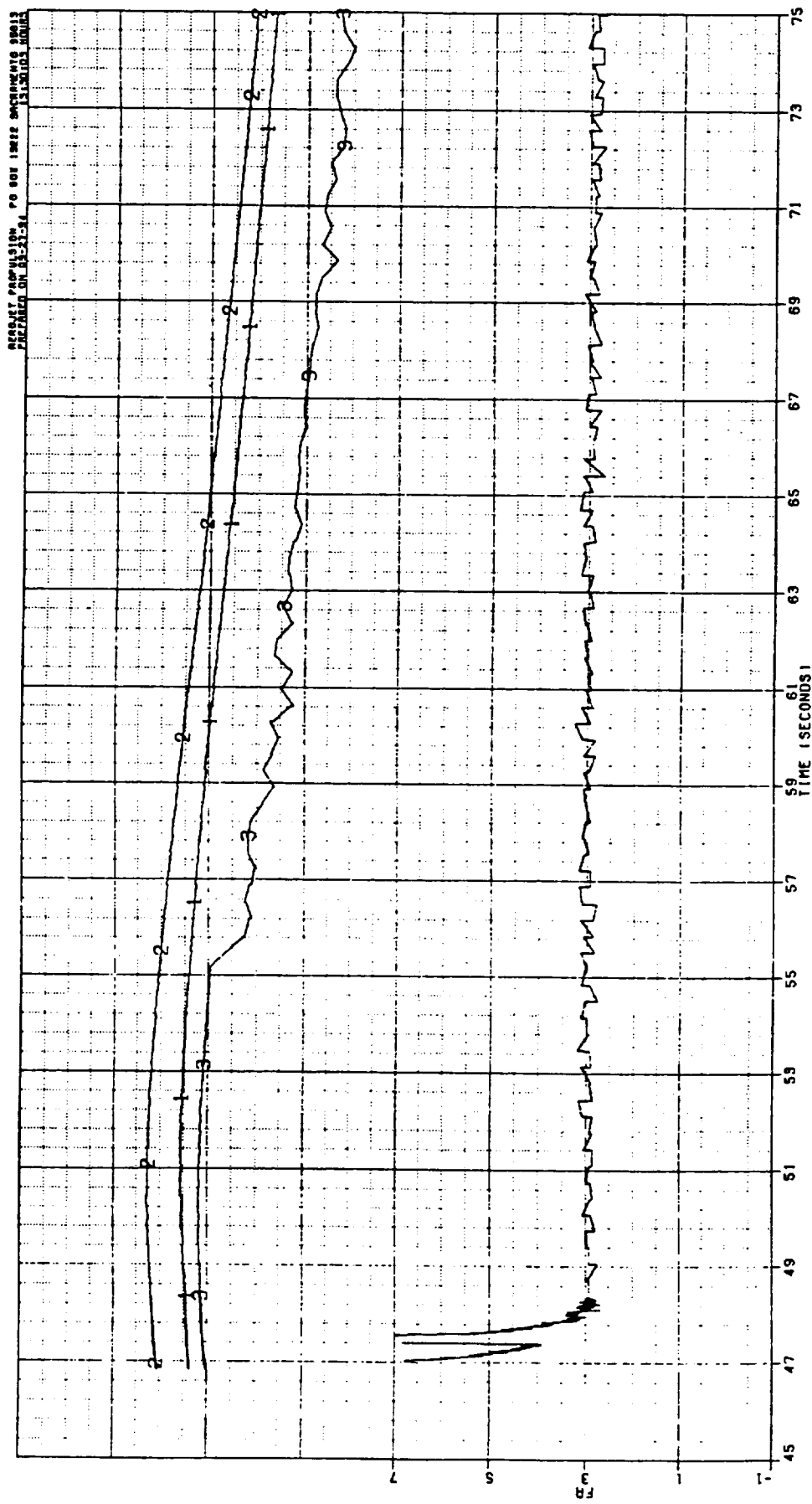


LXDI-002-0A-116 DATE 09-23-94 1722 HRS
 100 LB THRUSTER BAY-2 TEST PLOT X-1

FR 1 TTFB-1
 2 TTFB-2
 3 TTFB-3

LBS
 DEC F
 DEC F
 DEC F

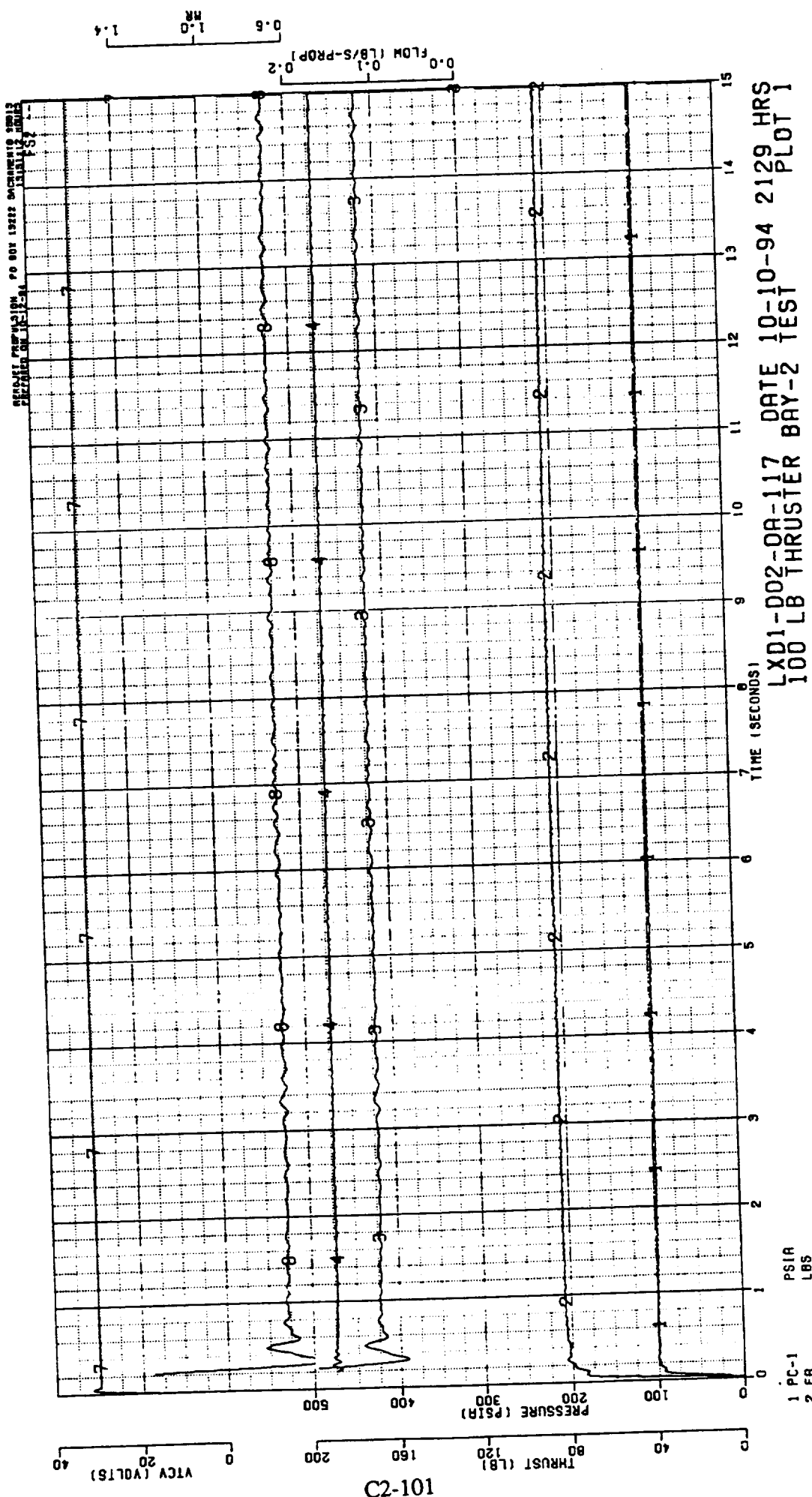
REARJET PROPULSION PO BOX 12022 SACRAMENTO 95812
 PREPARED ON 03-21-94 15:30:03 HOUR



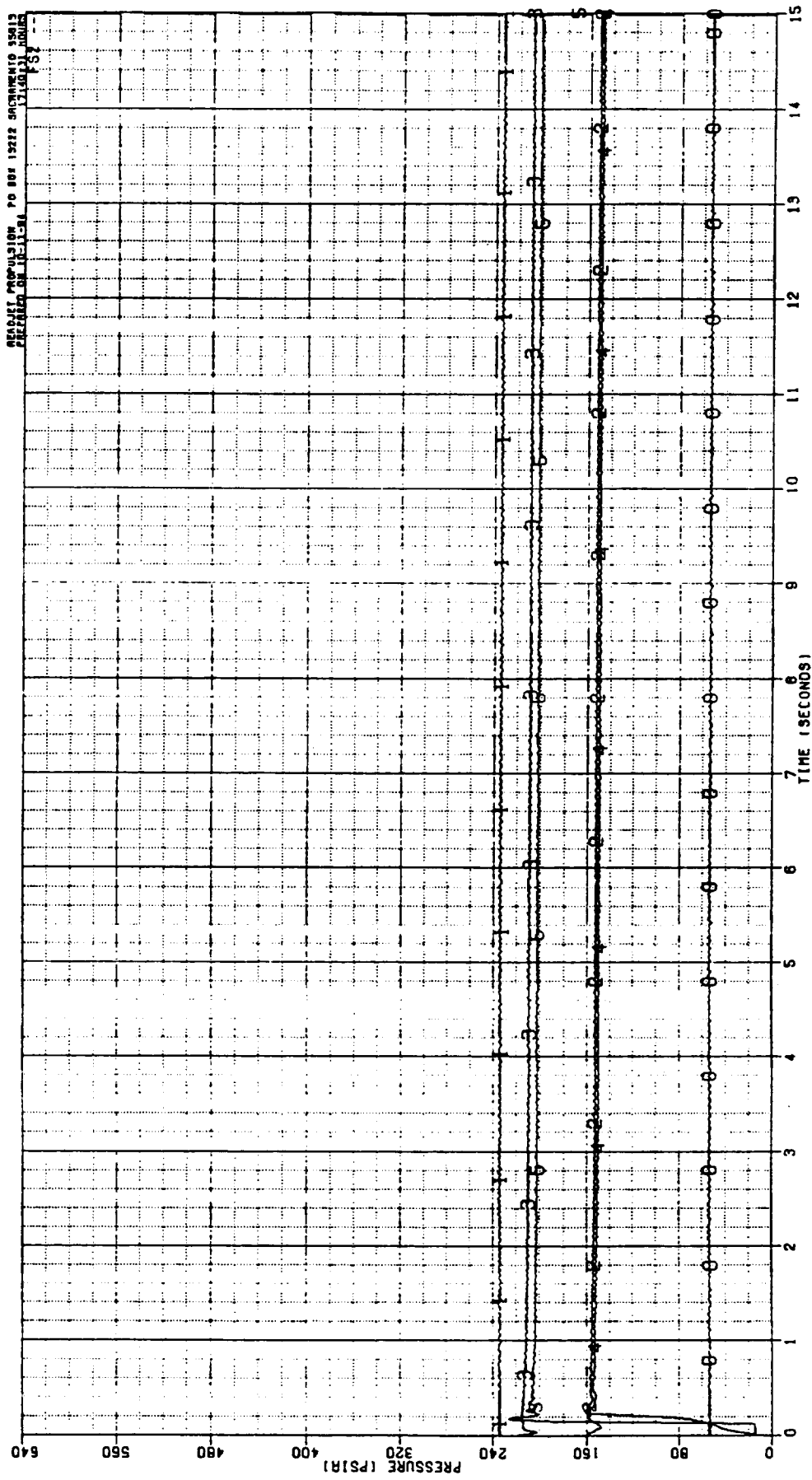
LXD1-002-0A-116 DATE 09-23-94 1722 HRS
 100 LB THRUSTER BAY-2 TEST PLOT X-2

FR LBS
 1 TTFB-1 DEG F
 2 TTFB-2 DEG F
 3 TTFB-3 DEG F

00000

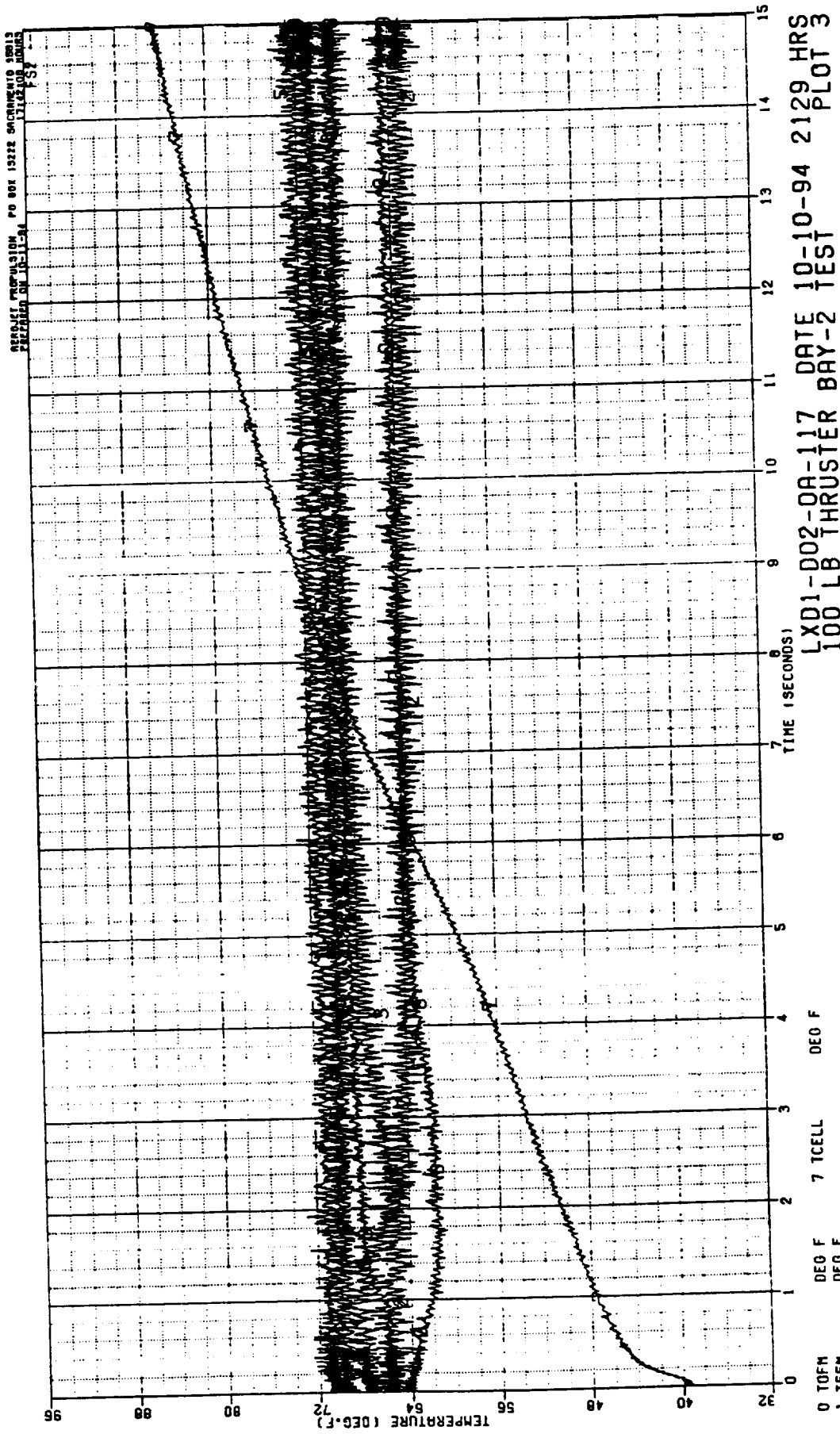


RECEIVED PRODUCTION PO BOX 13212 SACTAMENTO, CA 95812
 PREPARED ON 10-11-94 17:40:31 JHMS

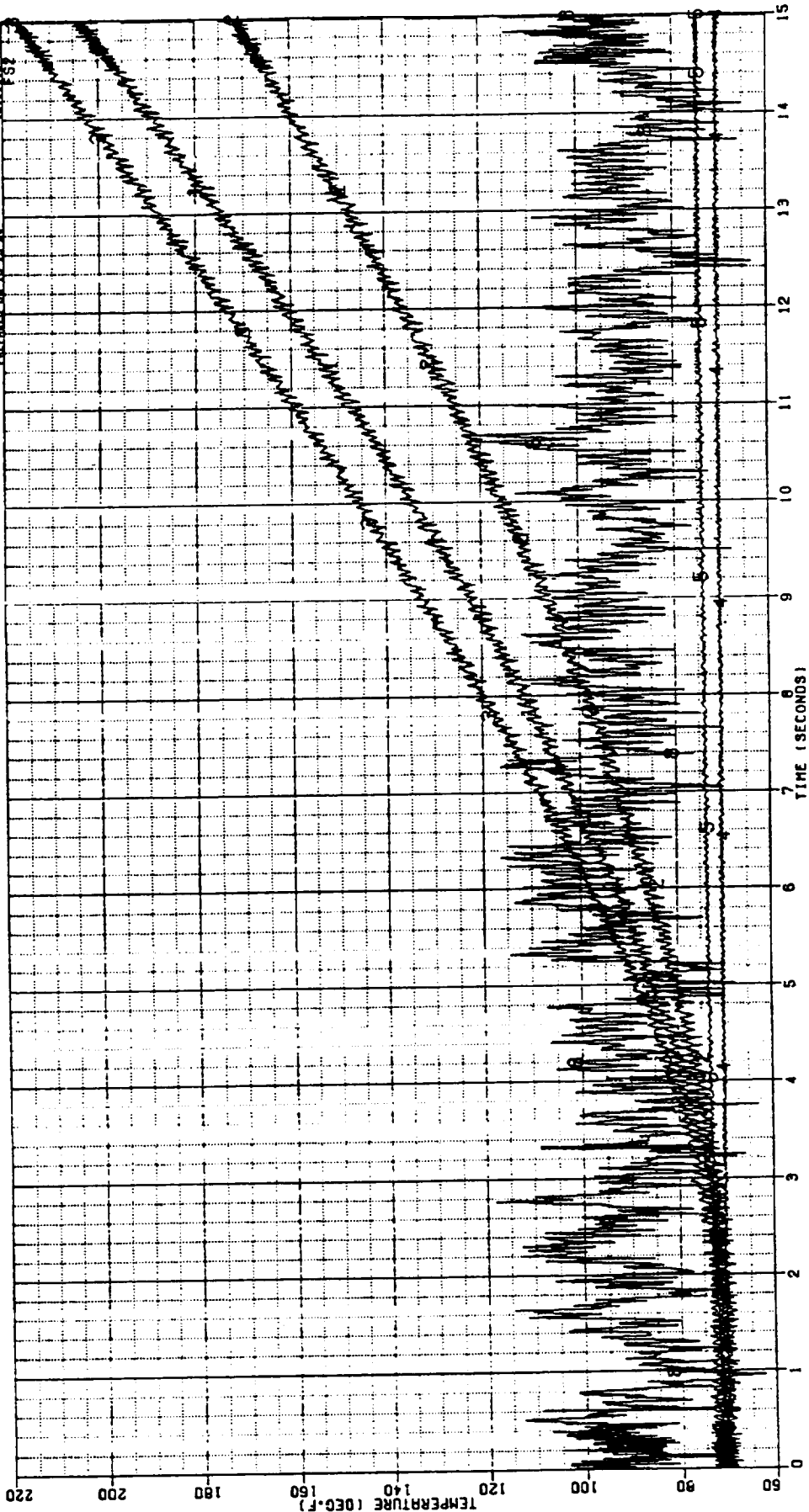


LXD1-D02-0A-117 DATE 10-10-94 2129 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

- 0 POTS PSIA
- 1 PFTF PSIA
- 2 POL-1 PSIA
- 3 PFL PSIA
- 4 PDJ PSIA
- 5 PFJ PSIA

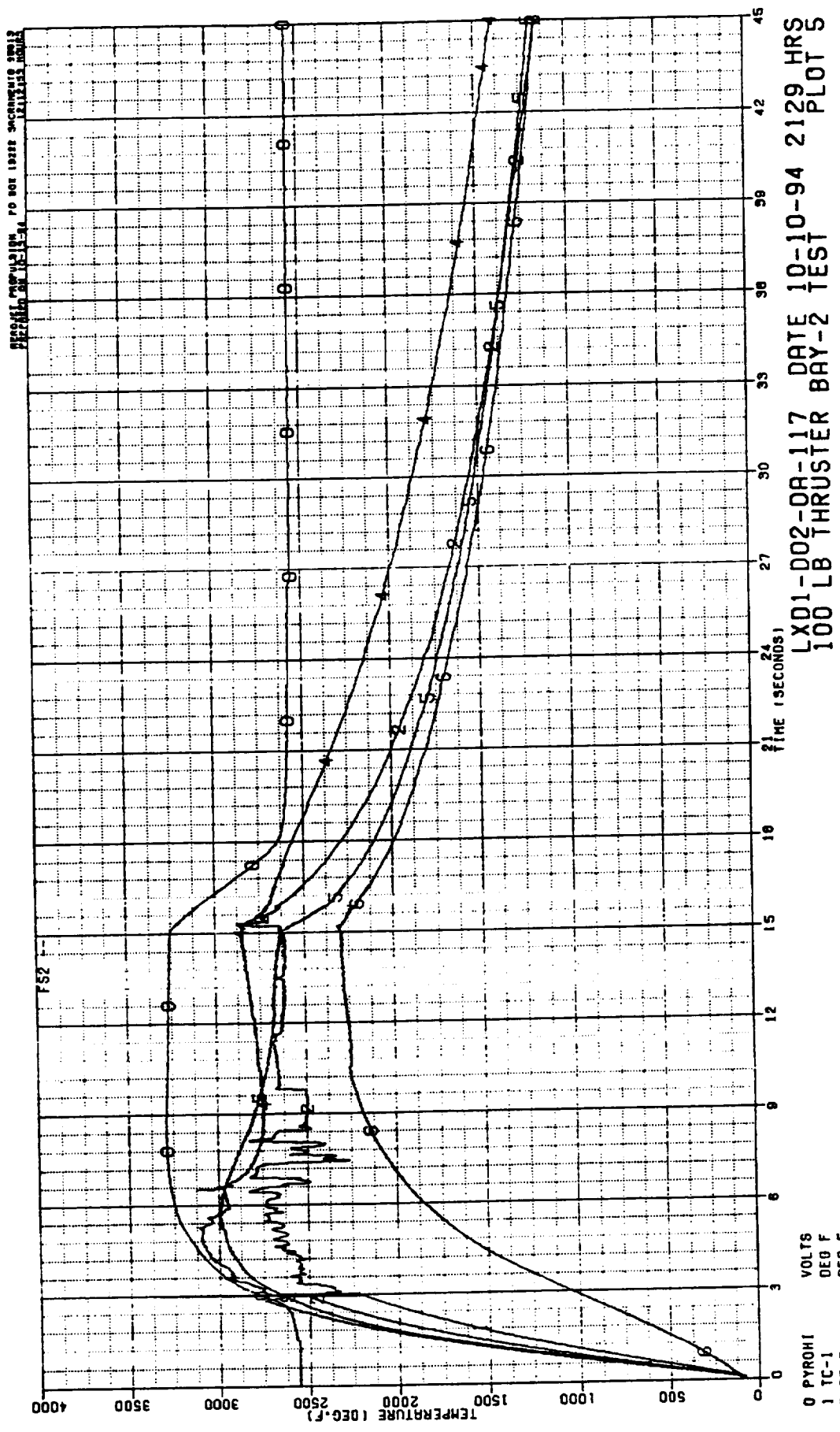


SECURITY INFORMATION PO BOX 12012 SACRAMENTO 95812
 PREPARED ON 10-13-94
 121111Z OCT94
 152

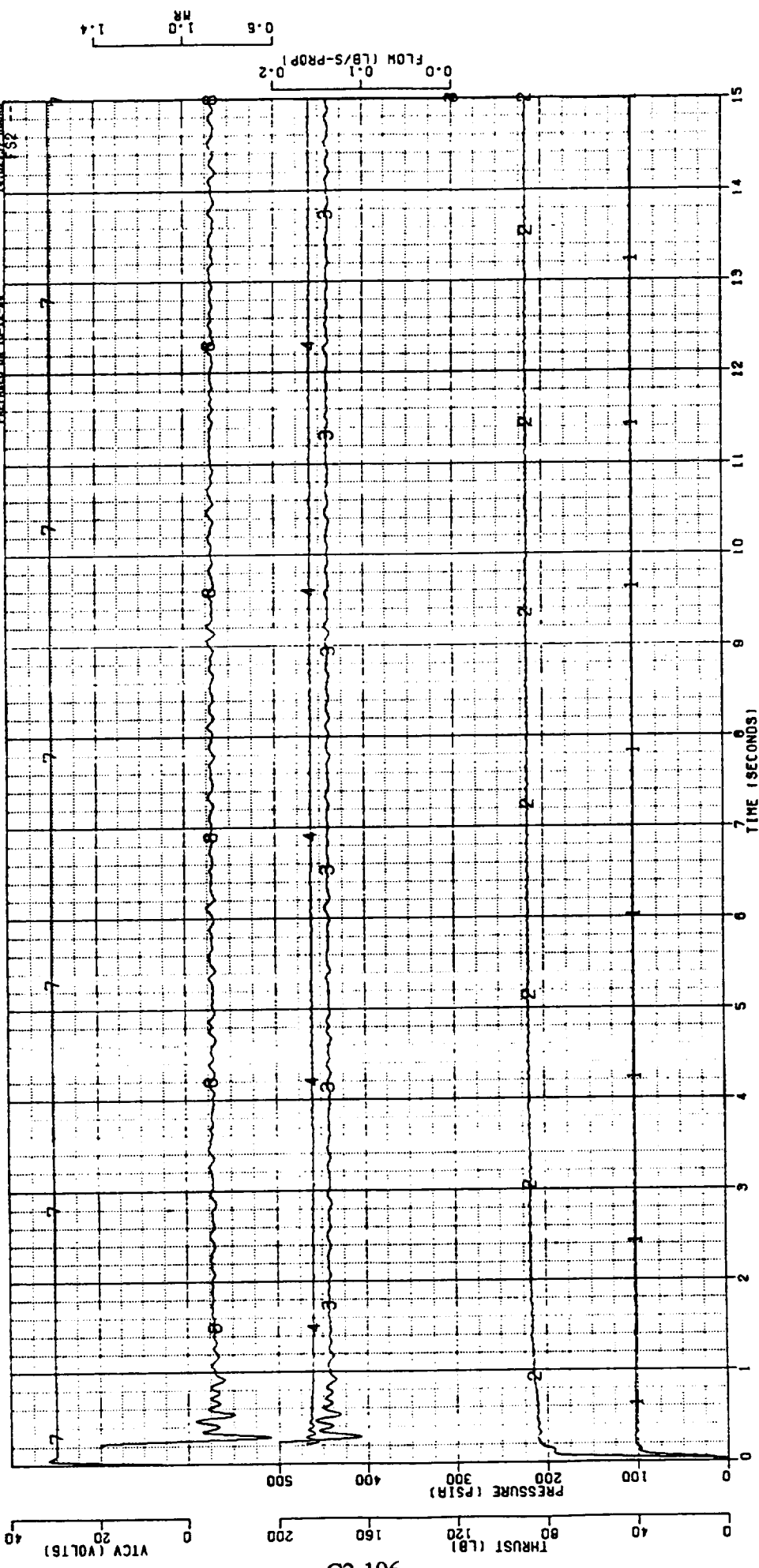


- 1 TTFB-1 DEG F
- 2 TTFB-2 DEG F
- 3 TTFB-3 DEG F
- 4 TTW1 DEG F
- 5 TTW2 DEG F
- 6 FMTN-1 (B-N)

LXD1-002-0A-117 DATE 10-10-94 2129 HRS
 100 LB THRUSTER BAY-2 TEST
 PLOT 4



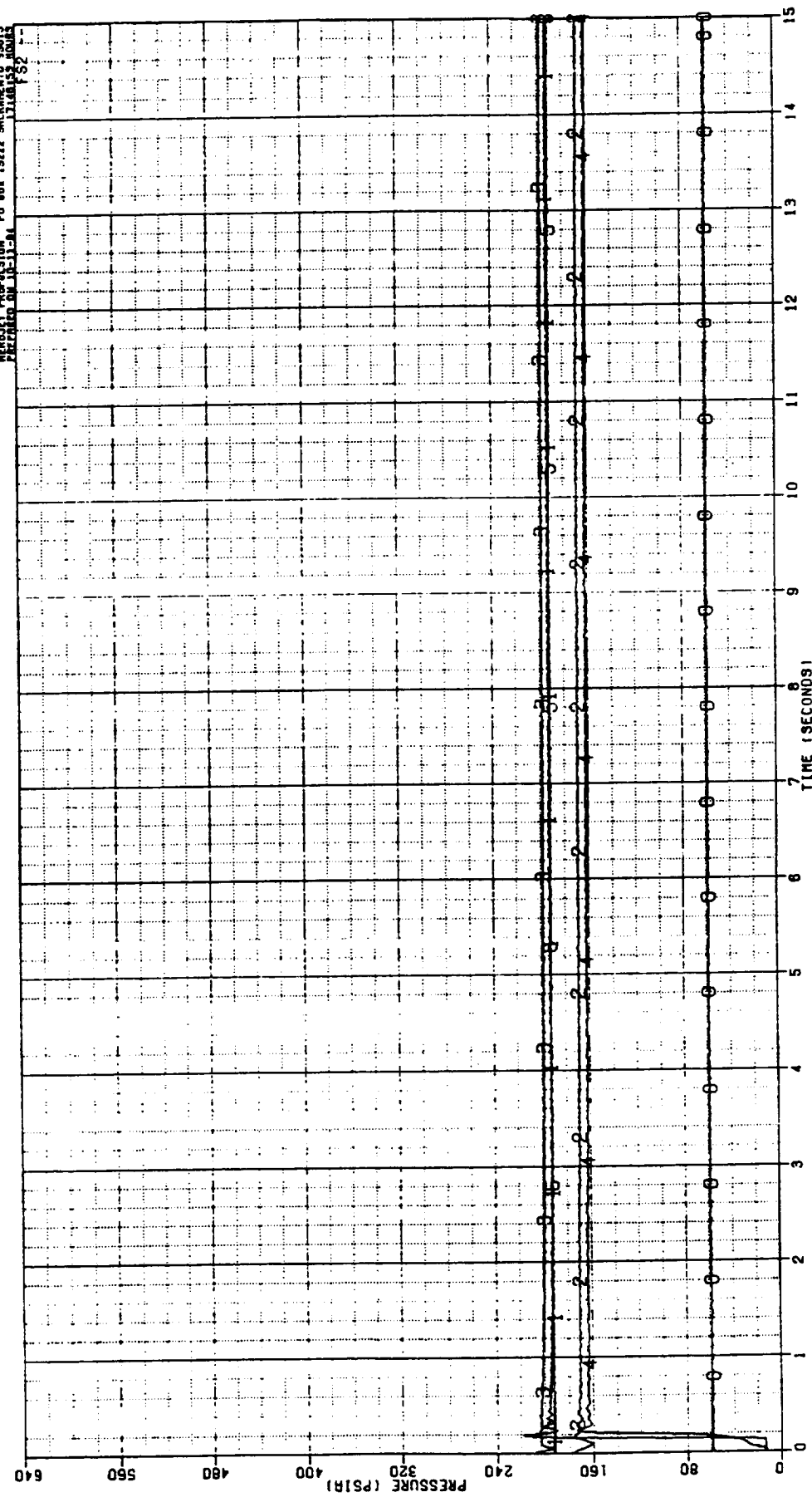
RECEIVED BY TELETYPE UNIT
 10-10-94 2304 HRS
 100 LB THRUSTER BAY-2 TEST



LXD1-D02-0A-118 DATE 10-10-94 2304 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 1

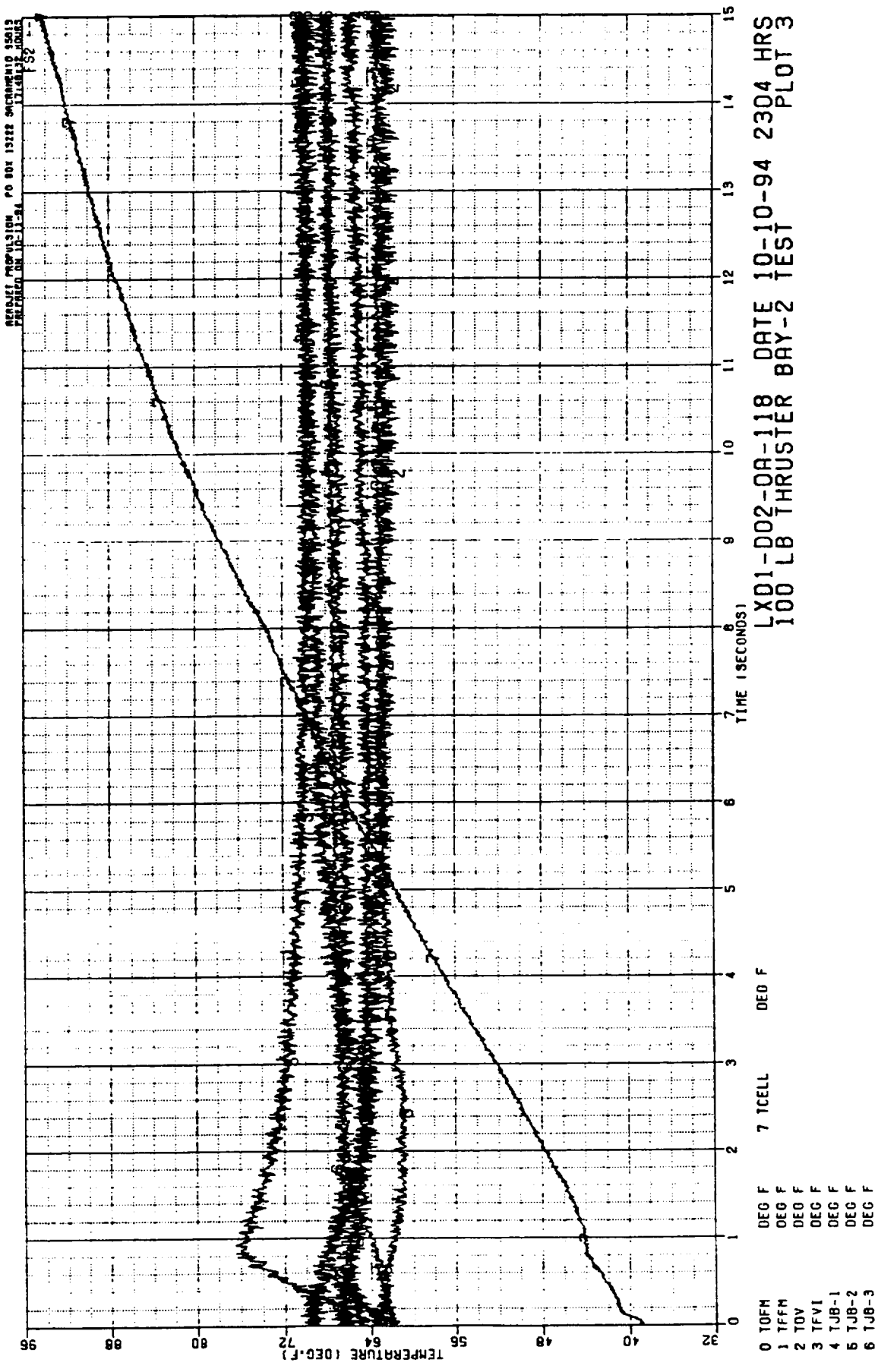
- 1 PC-1 PSIA
- 2 FR LBS
- 3 MO TURB FM LB/SEC-P
- 4 WF TURB FM LB/SEC-P
- 5 VTCV VOLTS
- 6 MR TURB FM

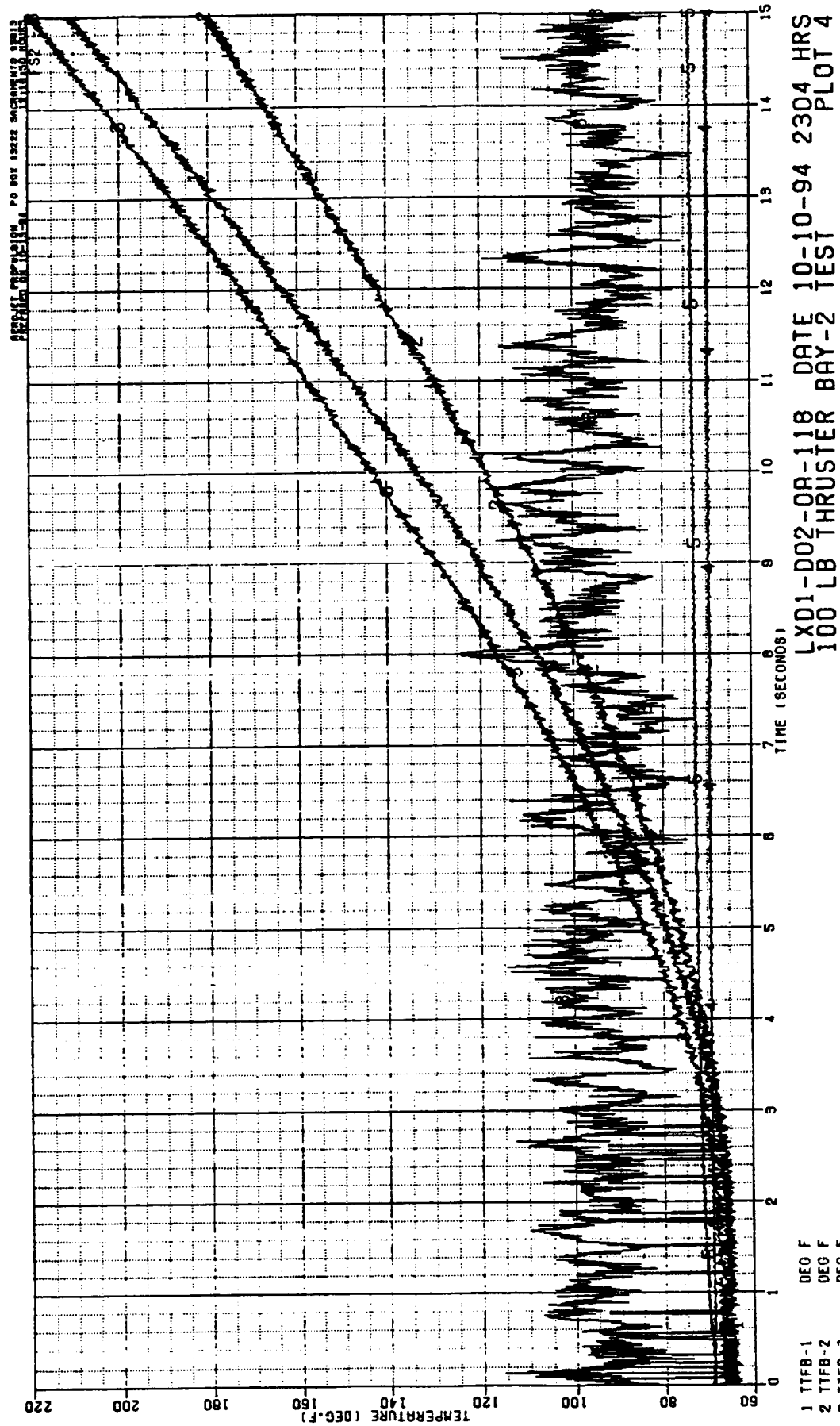
PROJECT PROPULSION PO BOX 15222 SACRAMENTO 95815
 1714815Z NOV94
 PS2



LXD1-D02-0A-118 DATE 10-10-94 2304 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

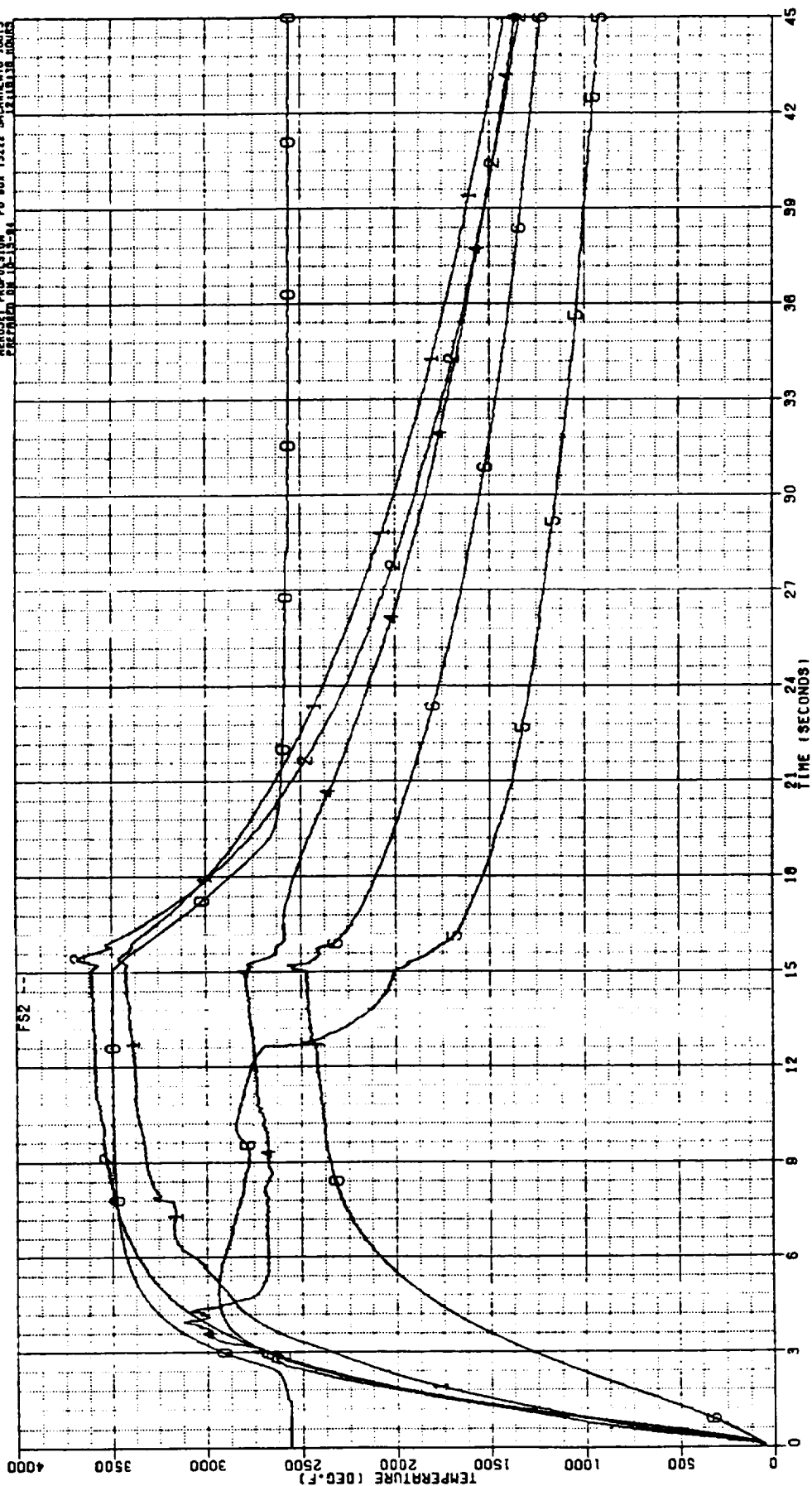
- 0 POTS PSIA
- 1 PFTIR PSIA
- 2 POL-1 PSIA
- 3 PFL PSIA
- 4 POJ PSIA
- 5 PFJ PSIA





LXD1-D02-OR-118 DATE 10-10-94 2304 HRS
100 LB THRUSTER BAY-2 TEST PLOT 4

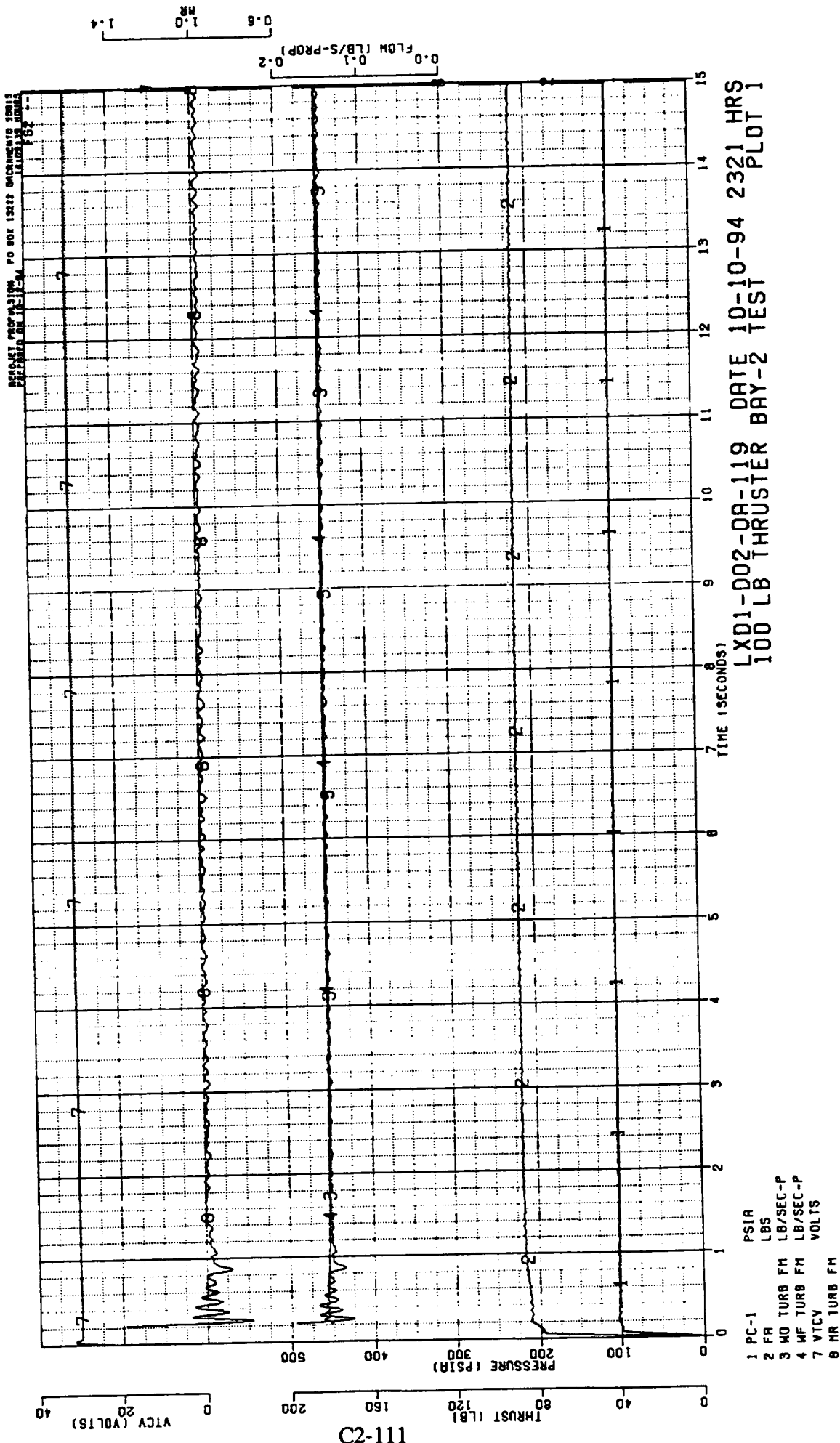
REPORT PREPARED BY PO BOX 15212 SACRAMENTO 95812
 DATE OF REPORT 10-10-94



0 PYROHI
 1 TC-1
 2 TC-2
 4 TC-4
 5 TC-5
 6 TC-6

VOLTS
 DEG F
 DEG F
 DEG F
 DEG F
 DEG F

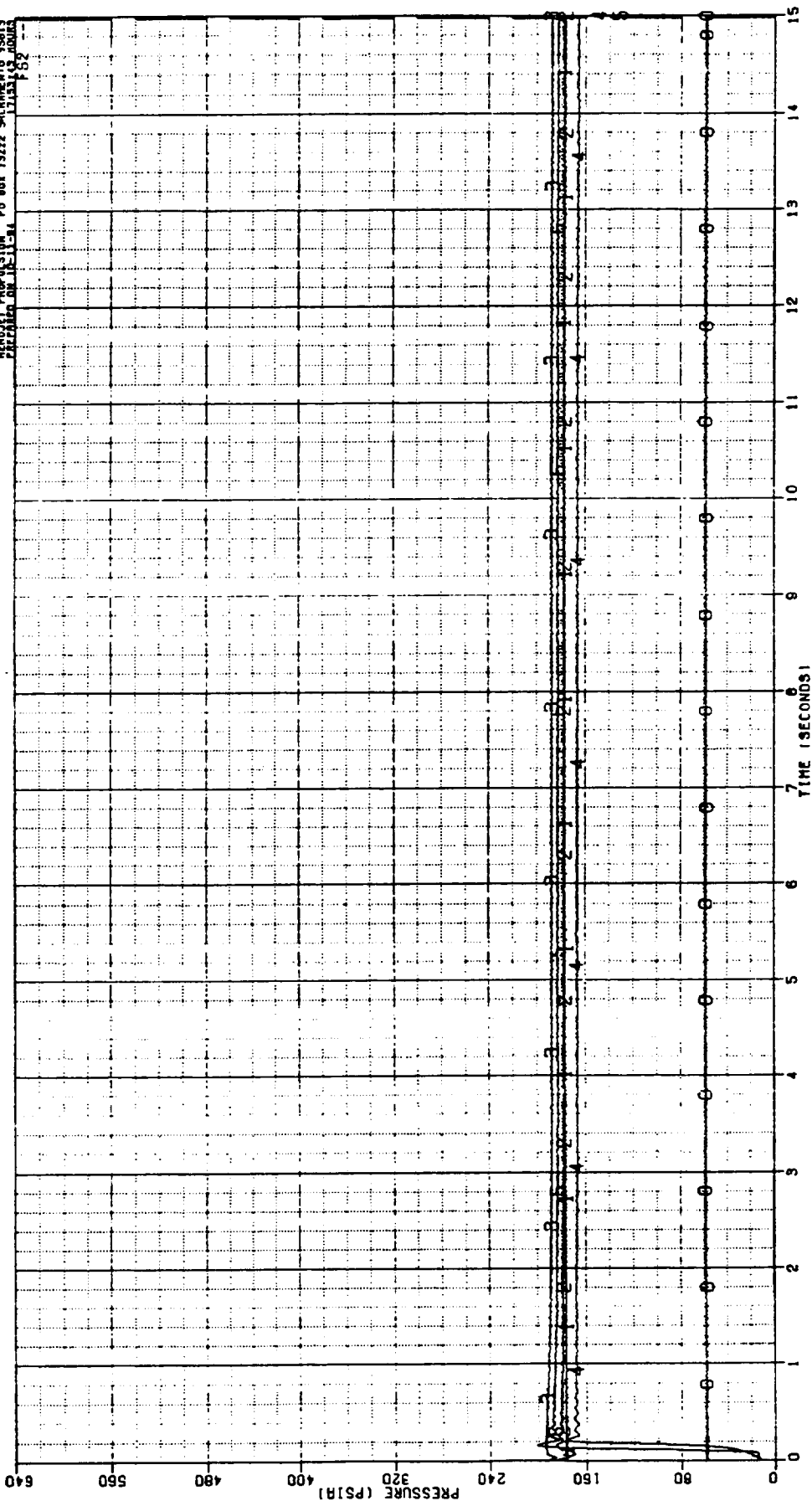
LXD1-D02-0A-118 DATE 10-10-94 2304 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 5



C2-111

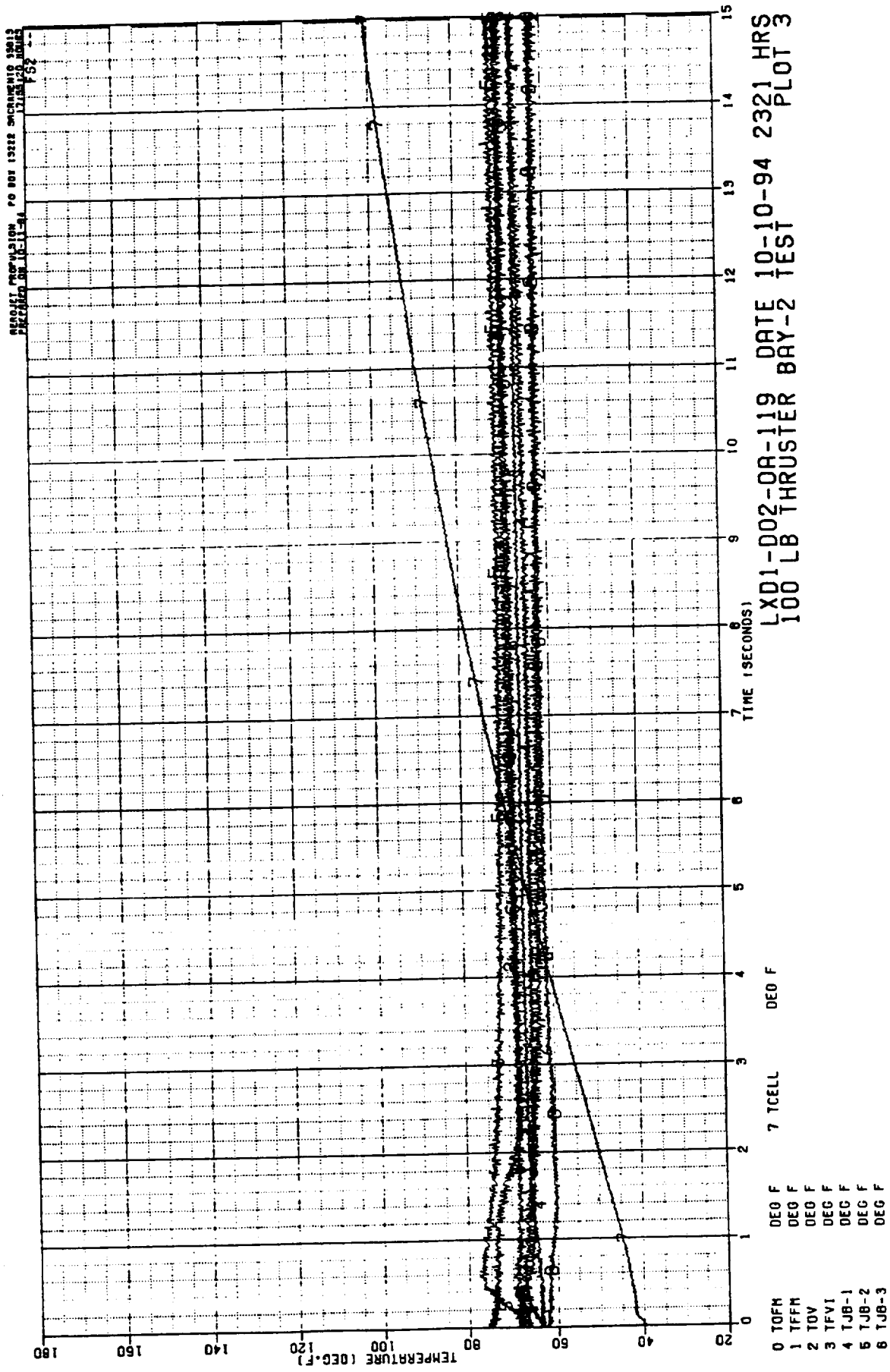
LXDI-D02-0A-119 DATE 10-10-94 2321 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 1

REPORT PREPARED BY: PO BOX 13222 SACRAMENTO 95813
 DATE: 11/13/94
 PREPARED ON: 11/13/94
 PLOT 2

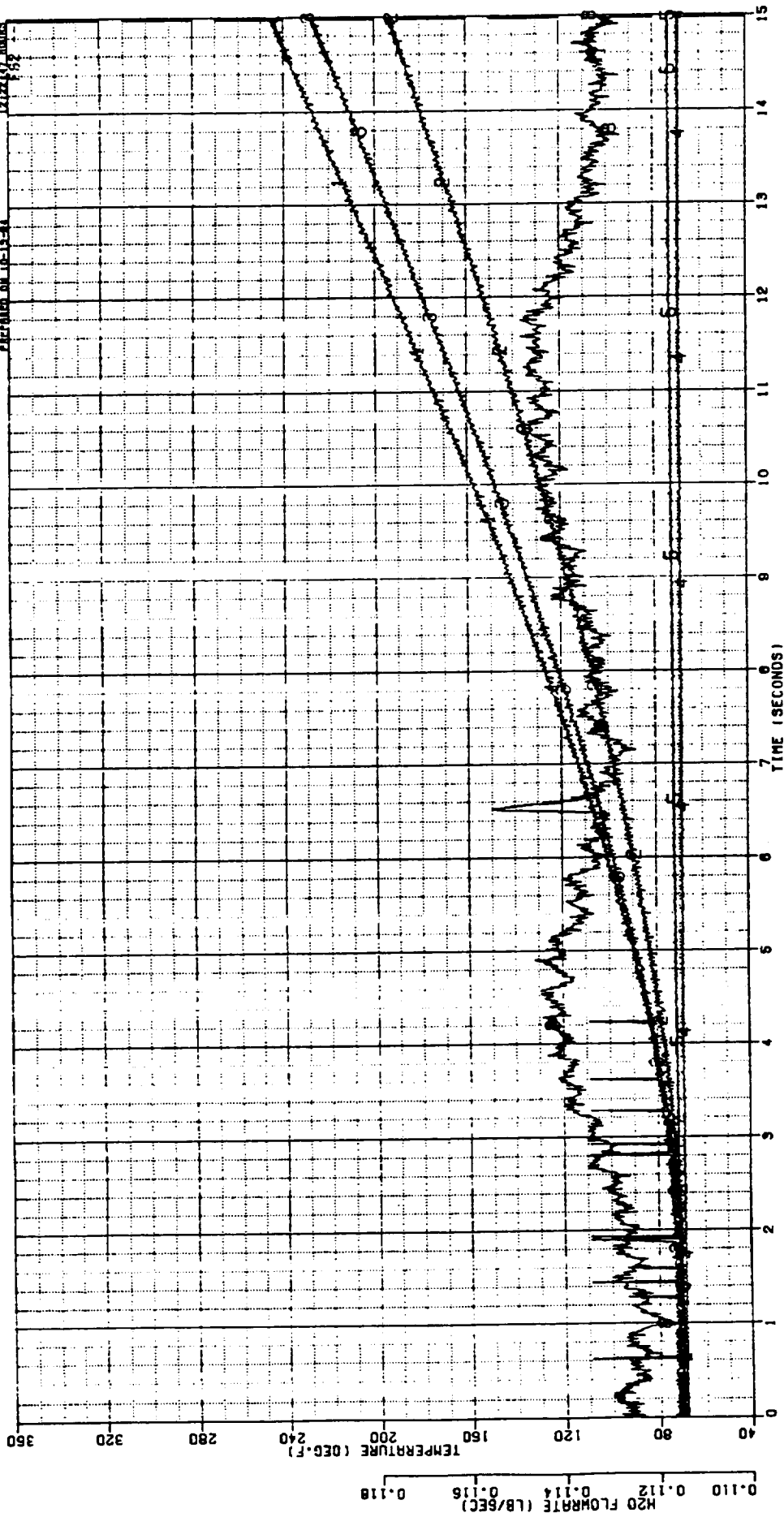


0 POTS PSIA
 1 PFTR PSIA
 2 POL-1 PSIA
 3 PFL PSIA
 4 POJ PSIA
 5 PFJ PSIA

LX01-D02-0A-119 DATE 10-10-94 2321 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

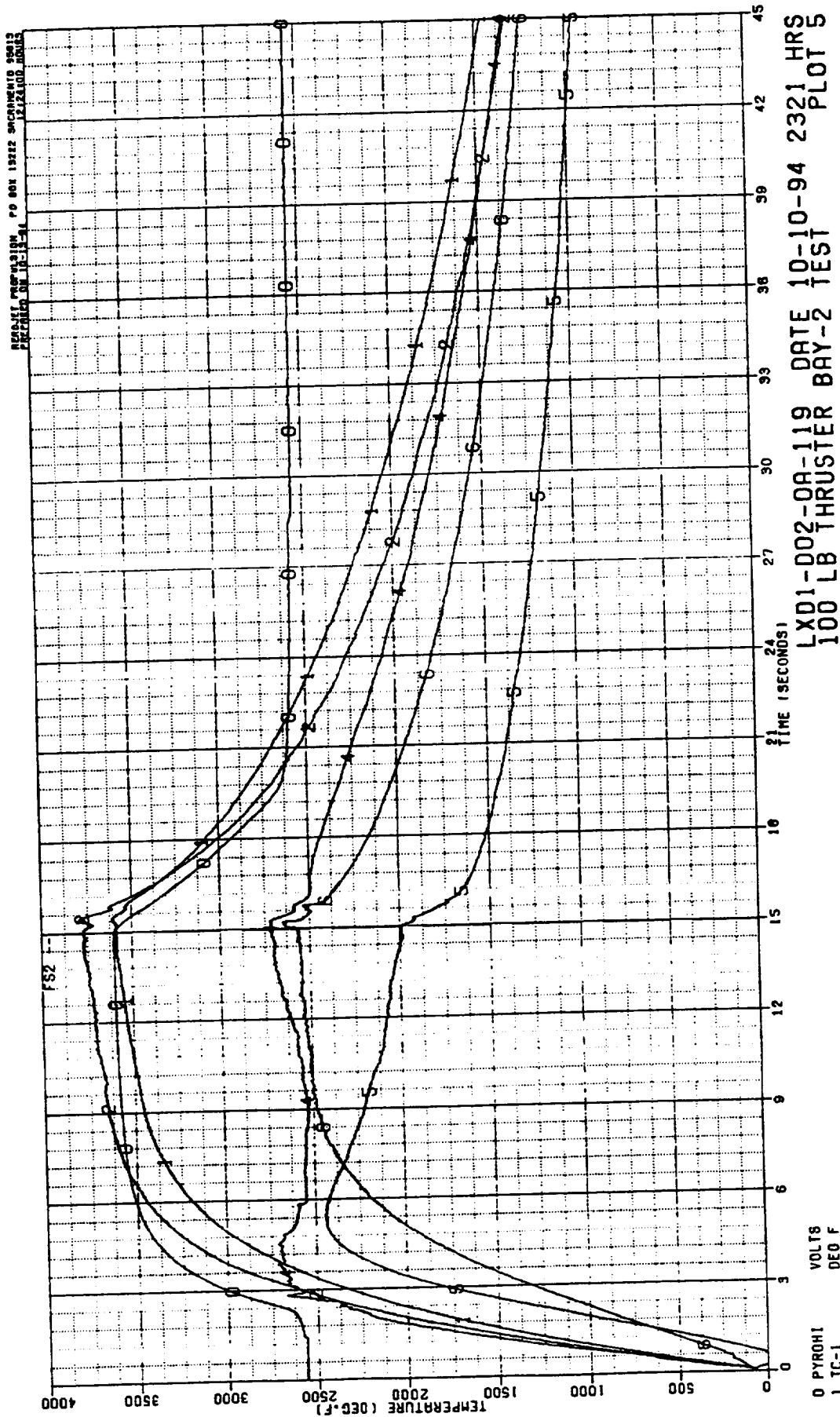


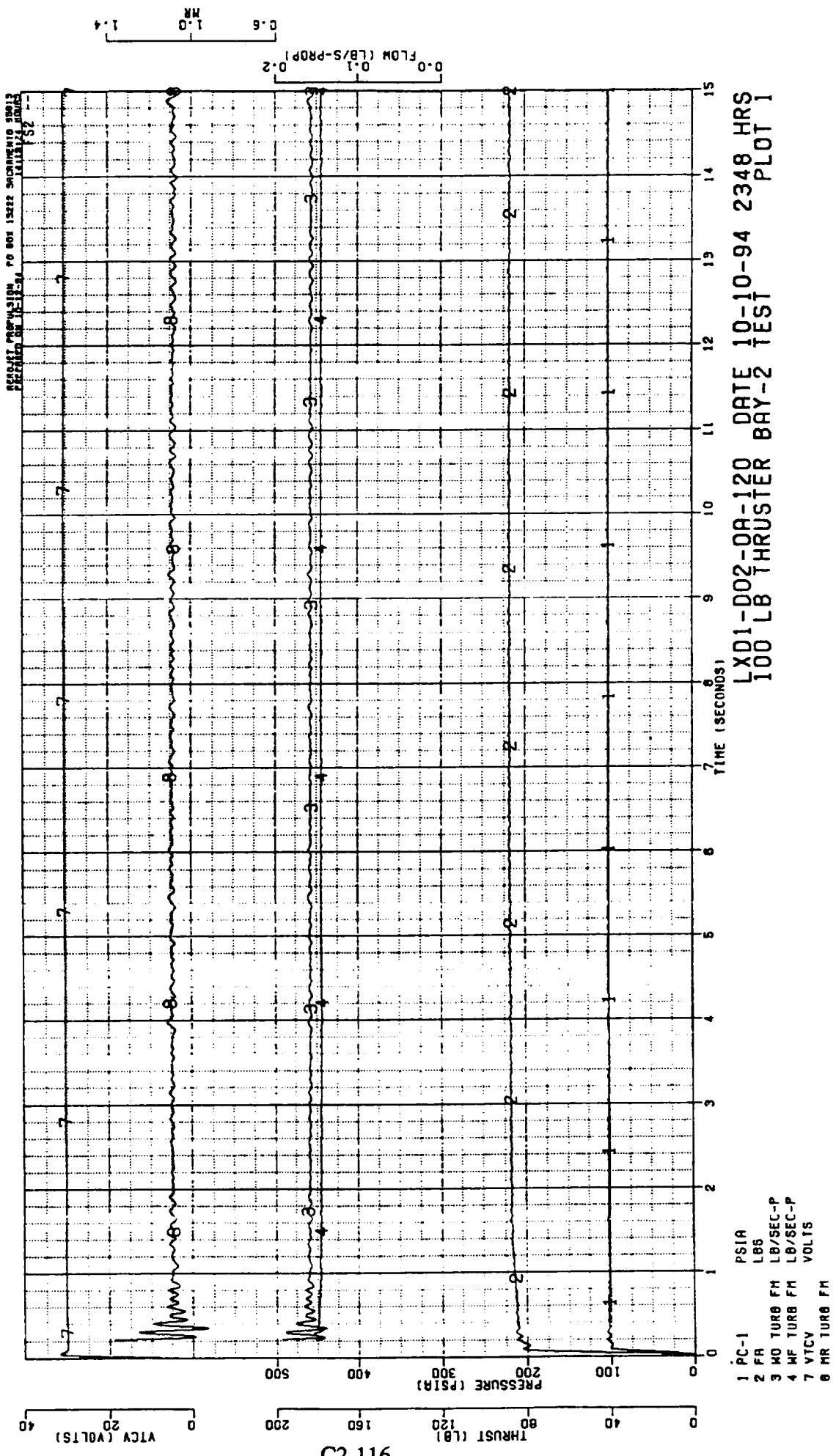
855941 PREP-110M PG 001 10222 SACRAMENTO 10013
 12121 10013

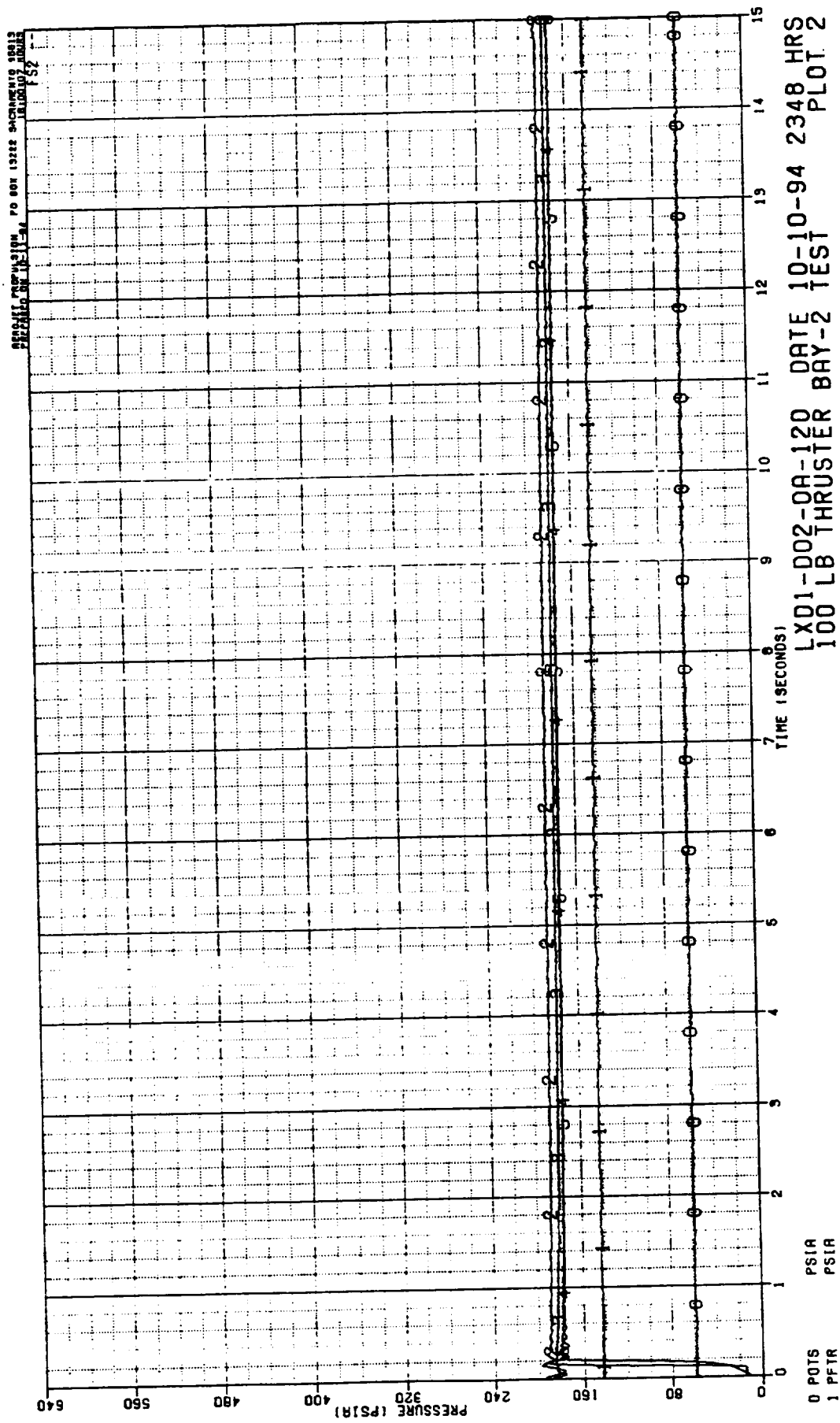


- 1 TTFB-1 DEG F
- 2 TTFB-2 DEG F
- 3 TTFB-3 DEG F
- 4 TTMI DEG F
- 5 TTMO DEG F
- 6 FATH-1 LB-W

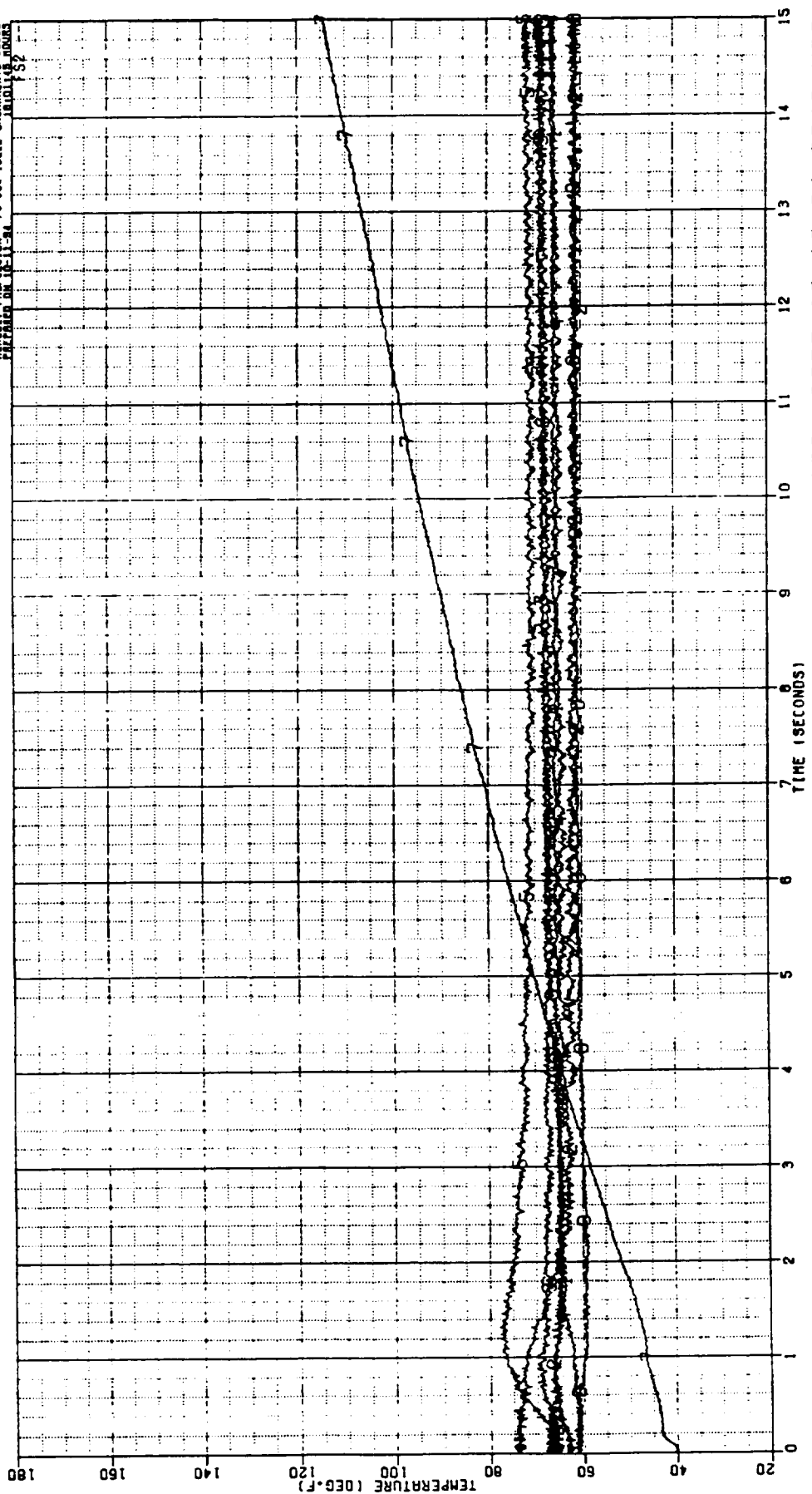
LXD1-DO2-0A-119 DATE 10-10-94 2321 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4







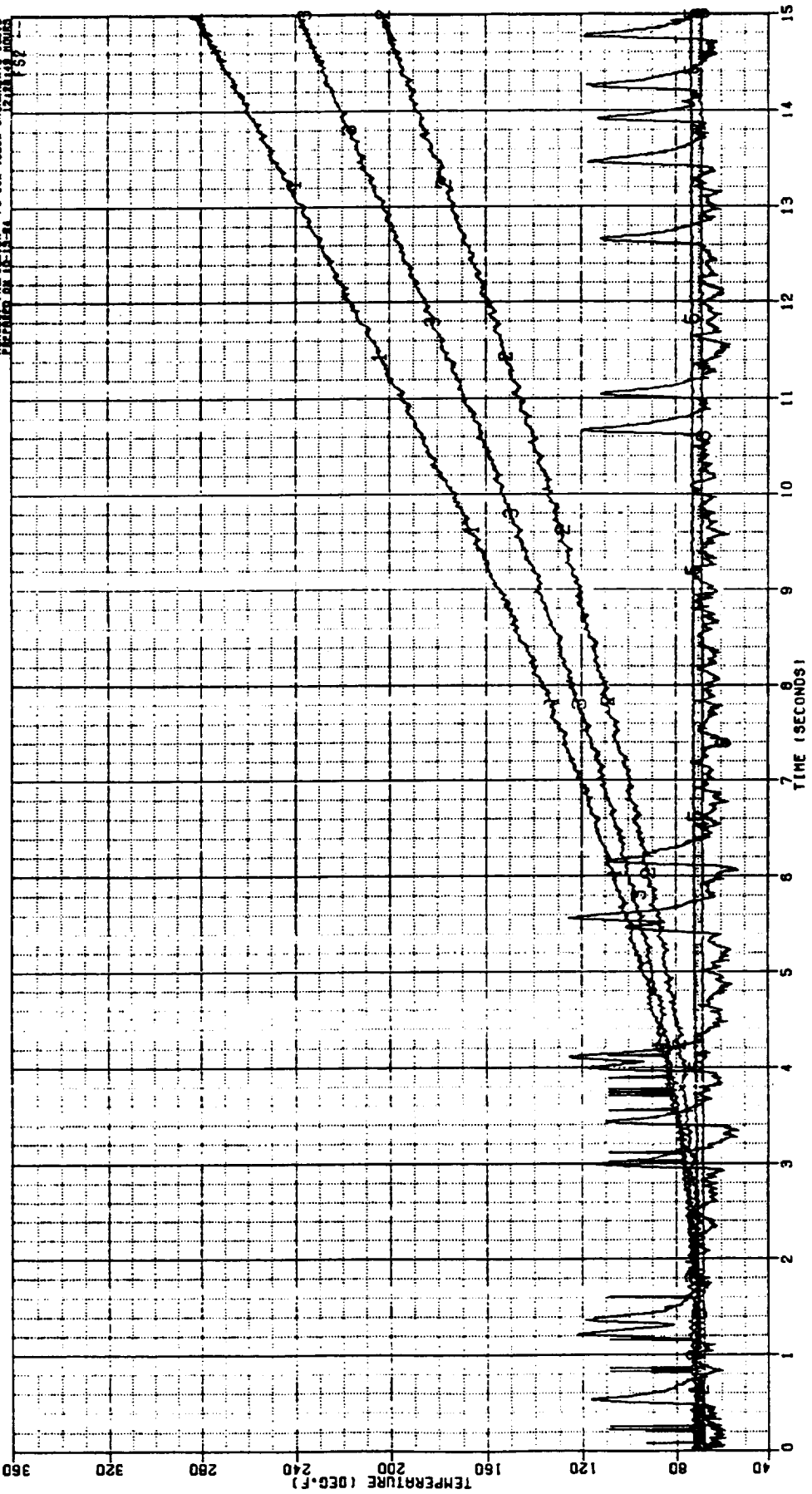
REDAJET PRODUCTION PO 801 13212 SACRAMENTO 95013
 PRINTED ON 10-11-94



LXD1-002-0A-120 DATE 10-10-94 2348 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

- 0 TOFN DEG F
- 1 TFFH DEG F
- 2 TOV DEG F
- 3 TFV1 DEG F
- 4 TJB-1 DEG F
- 5 TJB-2 DEG F
- 6 TJB-3 DEG F
- 7 TCELL DEG F

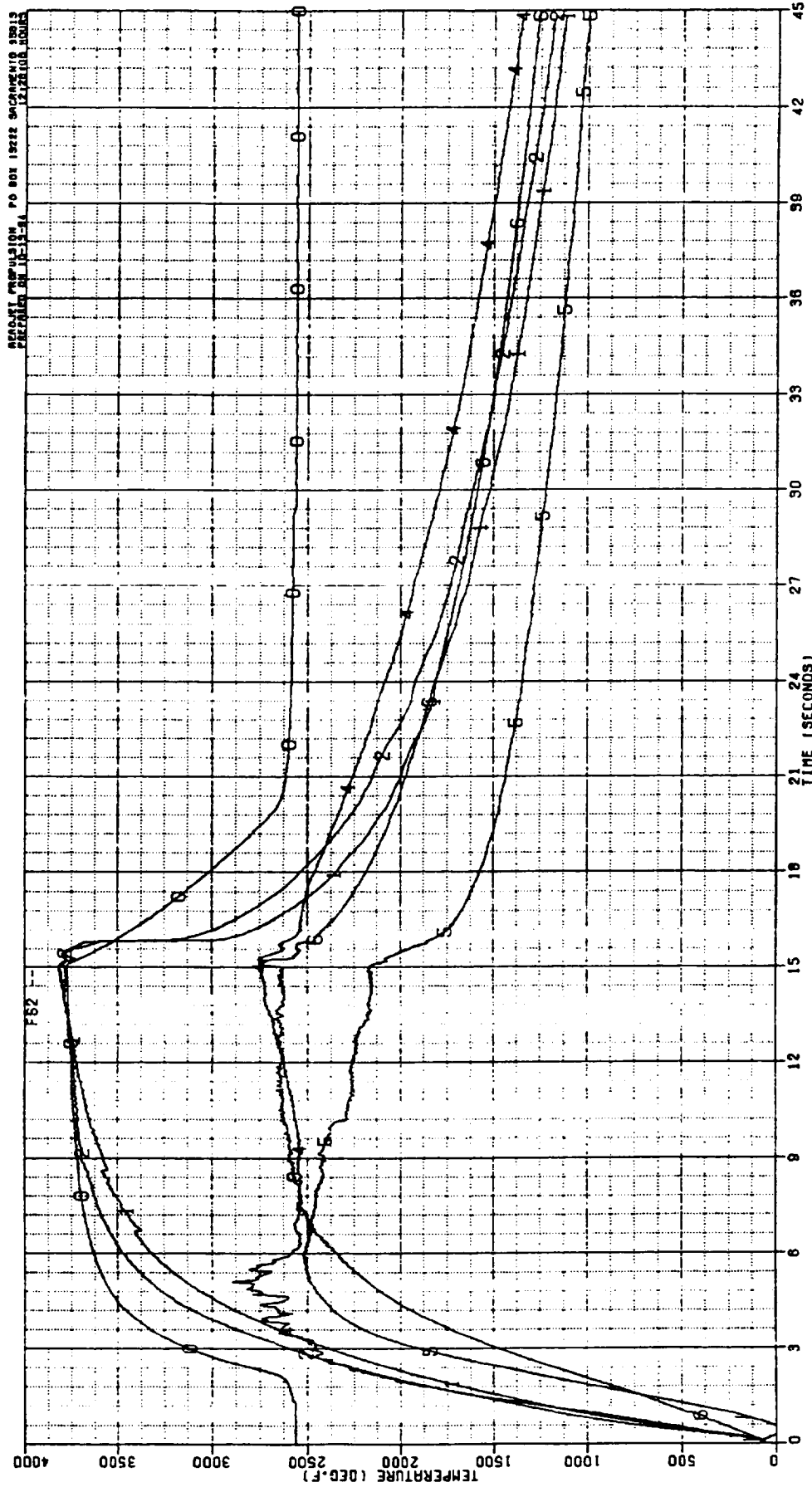
REPORT PREPARED BY: PO BOX 15212 SACRAMENTO SM13
 PERFORMED ON: 10-10-94



LXD1-D02-0A-120 DATE 10-10-94 2348 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

- 1 TTFB-1
- 2 TTFB-2
- 3 TTFB-3
- 4 TTMI
- 5 TTMO
- 6 FNTM-1
- 7 DEO F
- 8 DEO F
- 9 DEO F
- 10 DEO F
- 11 LB-W

REPORT PREPARED BY PO BOX 15222 SACRAMENTO 95815
 PREPARED ON 10-13-94

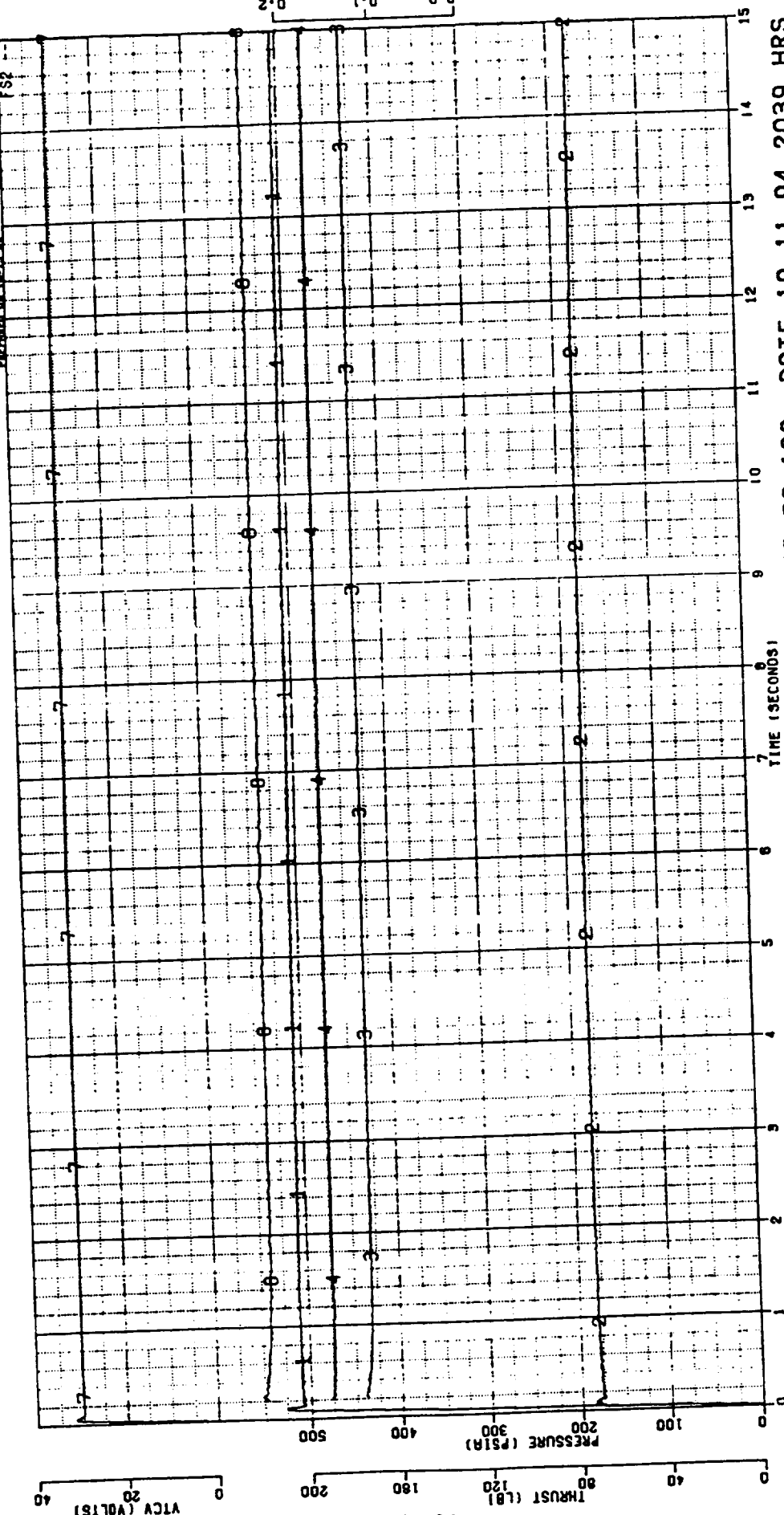


LX01-D02-0A-120 DATE 10-10-94 2348 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 5

0 PYROHI
 1 TC-1
 2 TC-2
 4 TC-4
 5 TC-5
 6 TC-6

VOLTS
 DEG F
 DEG F
 DEG F
 DEG F
 DEG F

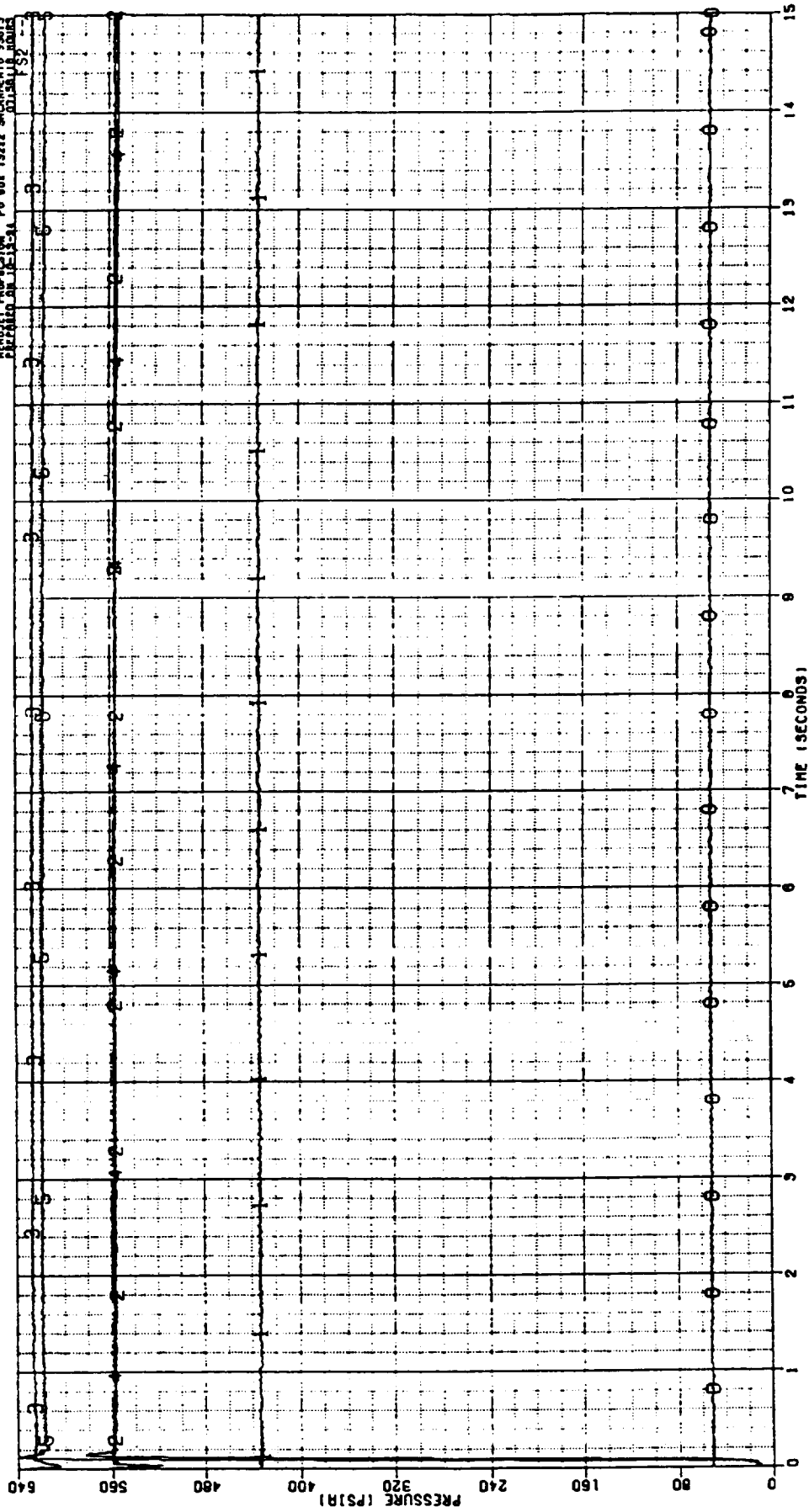
RESEARCH TRIANGLE PO BOX 13522 RALEIGH NC 27613



LXD1-DO2-0A-122 DATE 10-11-94 2039 HRS
100 LB THRUSTER BAY-2 TEST PLOT 1

- 1 PC-1 PSIA
- 2 FA LBS
- 3 WD TURB FM LB/SEC-P
- 4 HF TURB FM LB/SEC-P
- 7 VTCV VOLTS
- 8 HR TURB FM

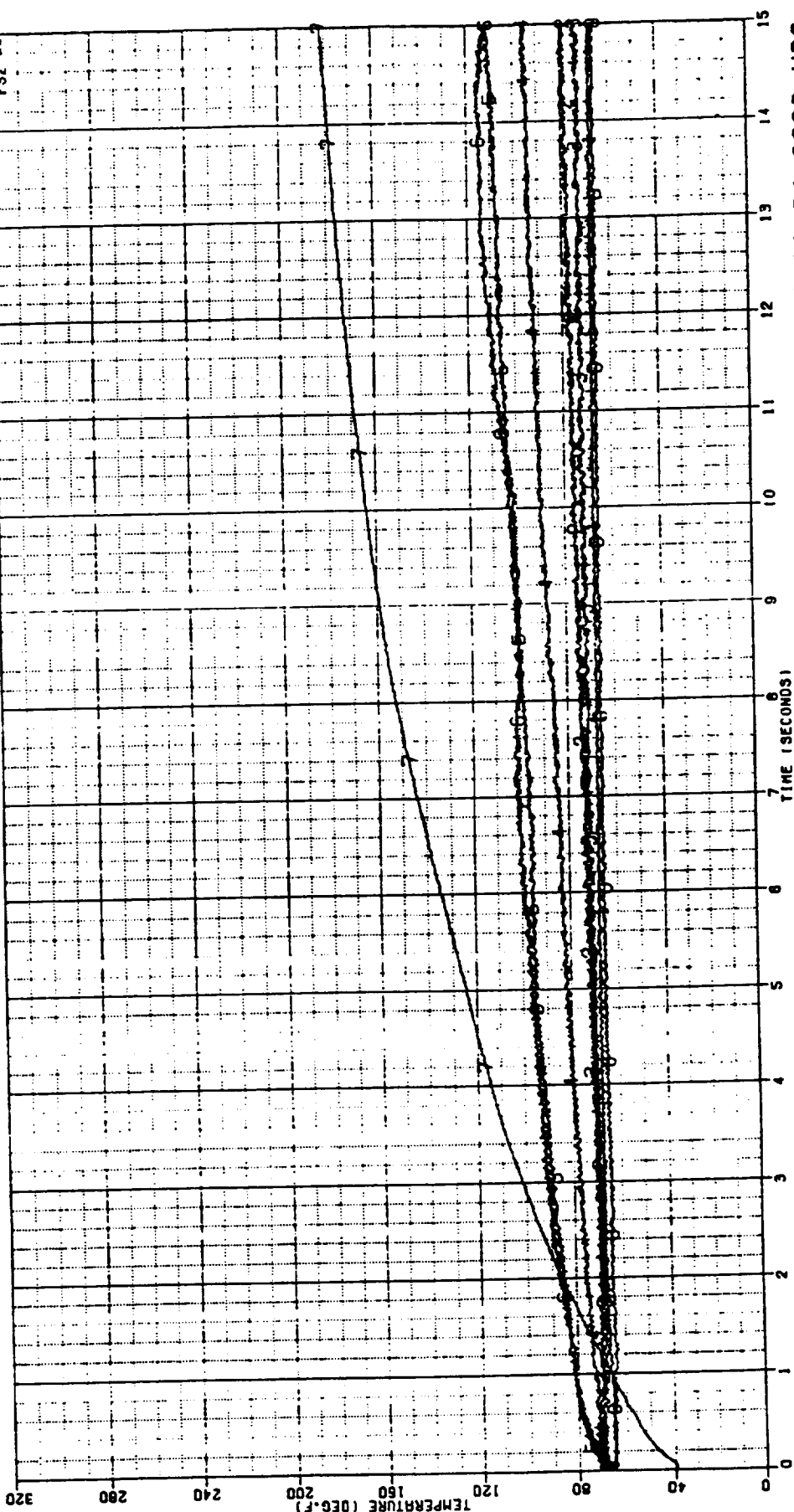
PROJECT INFORMATION PO BOX 13212 SACRAMENTO 95613
 DATE 10-11-94
 DRAWN BY JES-CA
 PLOT 2



LXD1-D02-0A-122 DATE 10-11-94 2039 HRS
 100 LB THRUSTER BAY-2 TEST

- 0 POTS PSIA
- 1 PTRA PSIA
- 2 POL-1 PSIA
- 3 PFL PSIA
- 4 POJ PSIA
- 5 PFJ PSIA

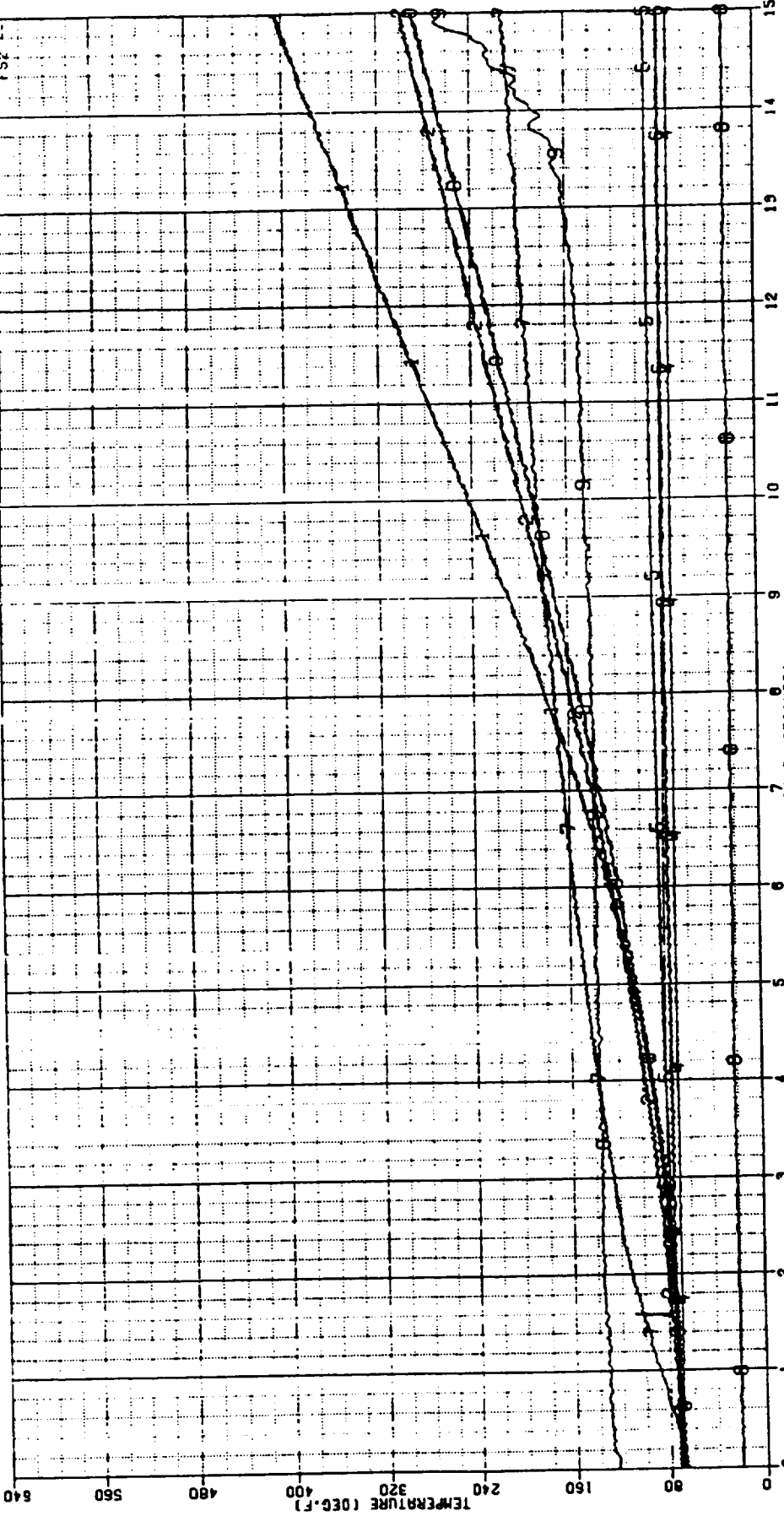
0000011 PROPOSITION PO 801 13212 SACRAMENTO 98013
 1877000 00 18-11-94



LXD1-D02-0A-122 DATE 10-11-94 2039 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

0 TOFM DEO F
 1 TFFM DEO F
 2 TOV DEO F
 3 TFVI DEO F
 4 TJB-1 DEO F
 5 TJB-2 DEO F
 6 TJB-3 DEO F

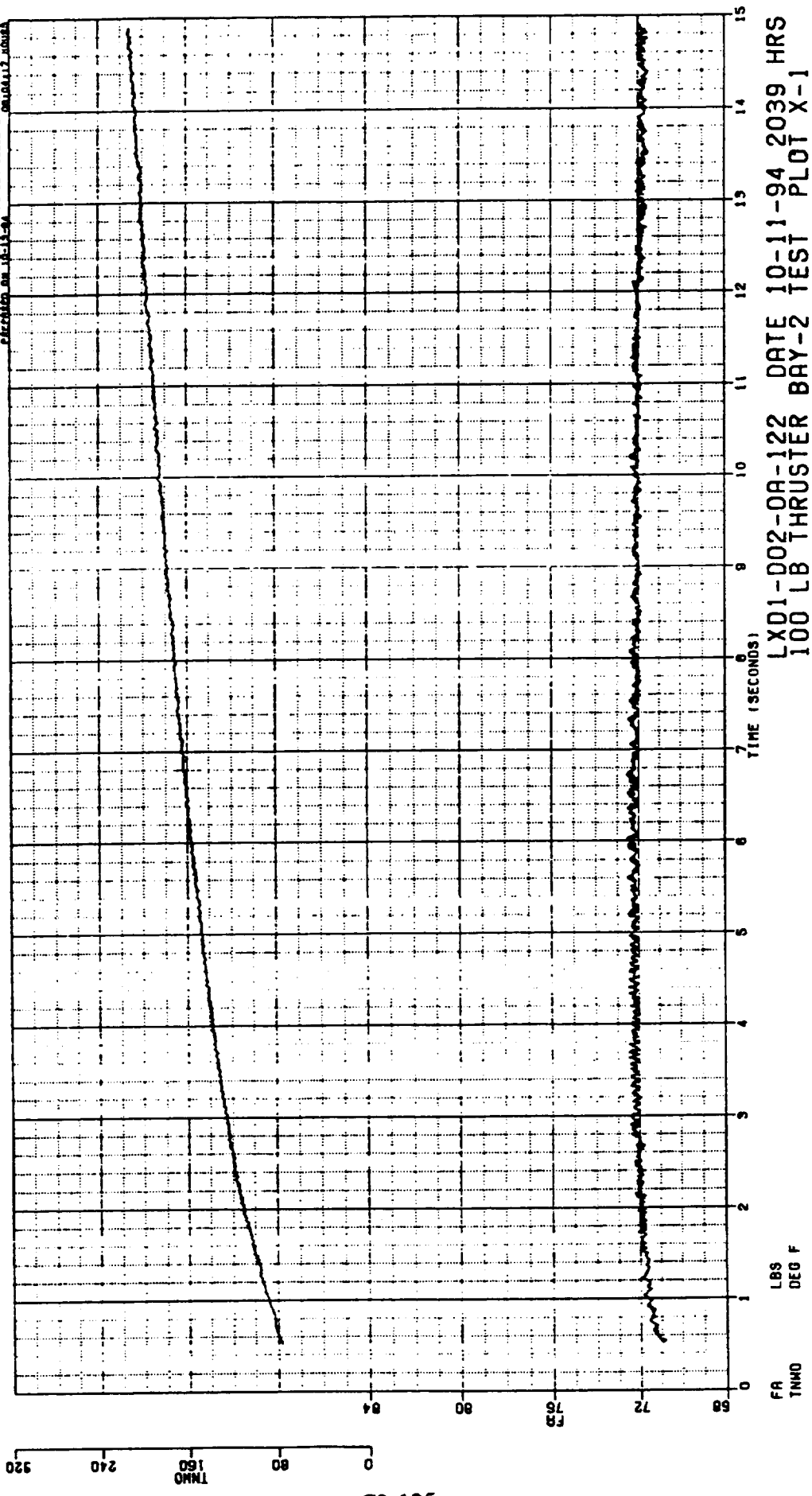
REPORT PREPARED FOR RSM 19222 UNCLASSIFIED 19812
 PROGRAM OF TESTS



LXD1-D02-0A-122 DATE 10-11-94 2039 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

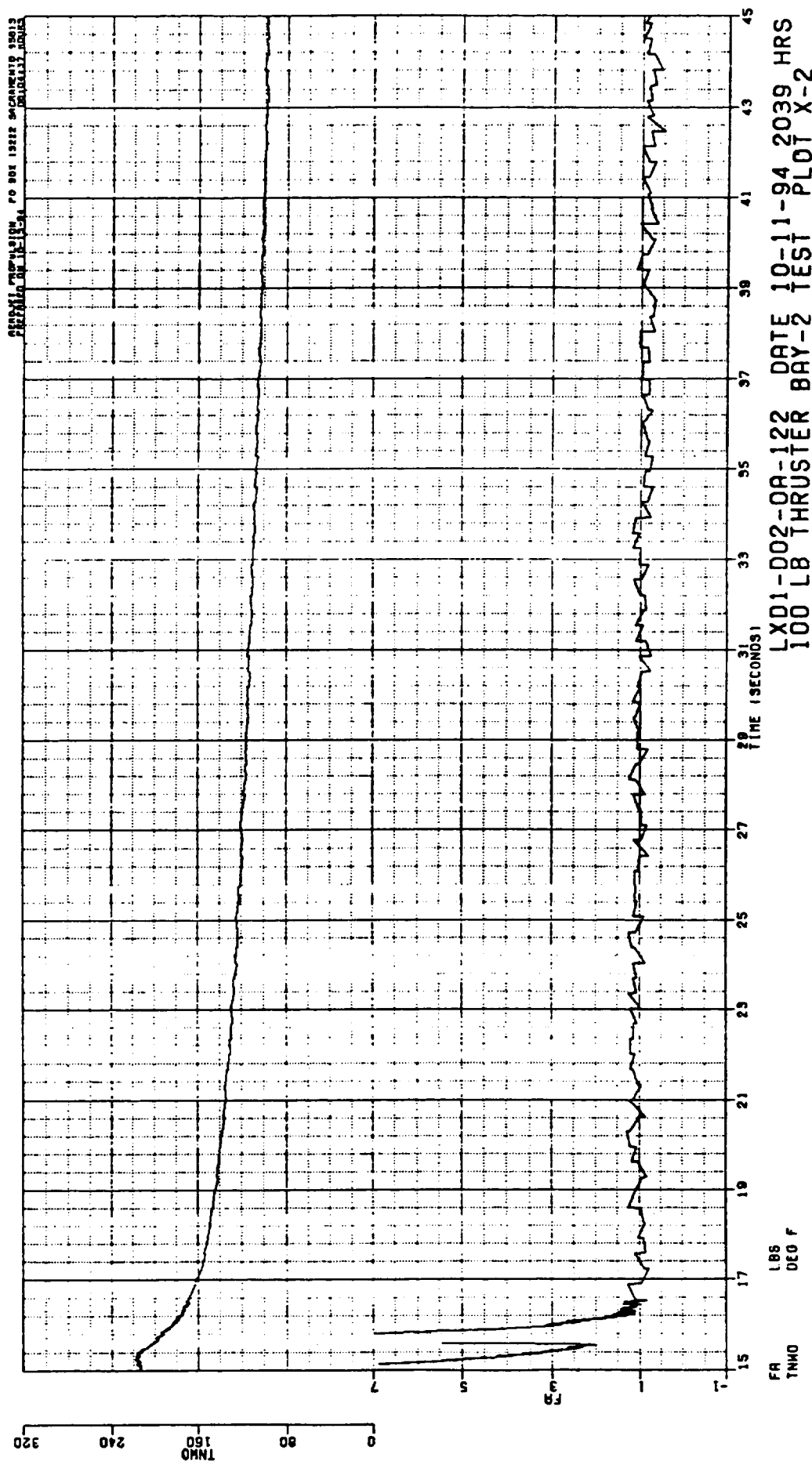
- 0 TTFB-1 DEO F
- 1 TTFB-2 DEO F
- 2 TTFB-3 DEO F
- 4 TTW1 DEO F
- 6 TTW0 DEO F
- 8 TNW1 DEO F
- 7 TNW0 DEO F
- 6 FNTM-1 LB-W
- 9 FNTM-1 LB-W

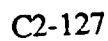
870001 PROPOSITION PO BOX 13222 MACOMB MI 48134
PRINTED ON 10-11-94



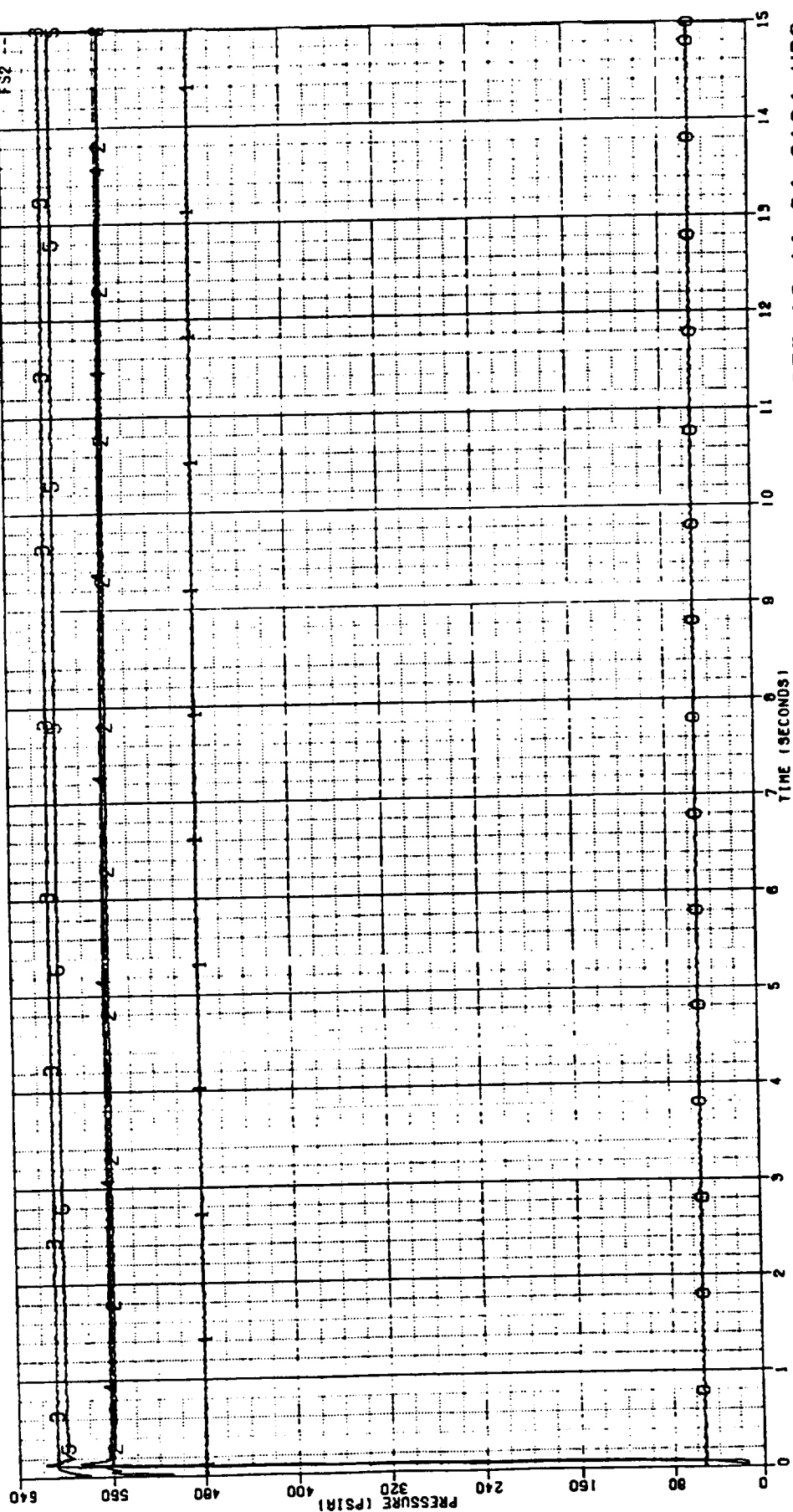
LXD1-002-0A-122 DATE 10-11-94 2039 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-1

PLT001-002-0A-122 DATE 10-11-94 2039 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-2





APPROVED FOR RELEASE BY NSA
ON 08-15-84
152



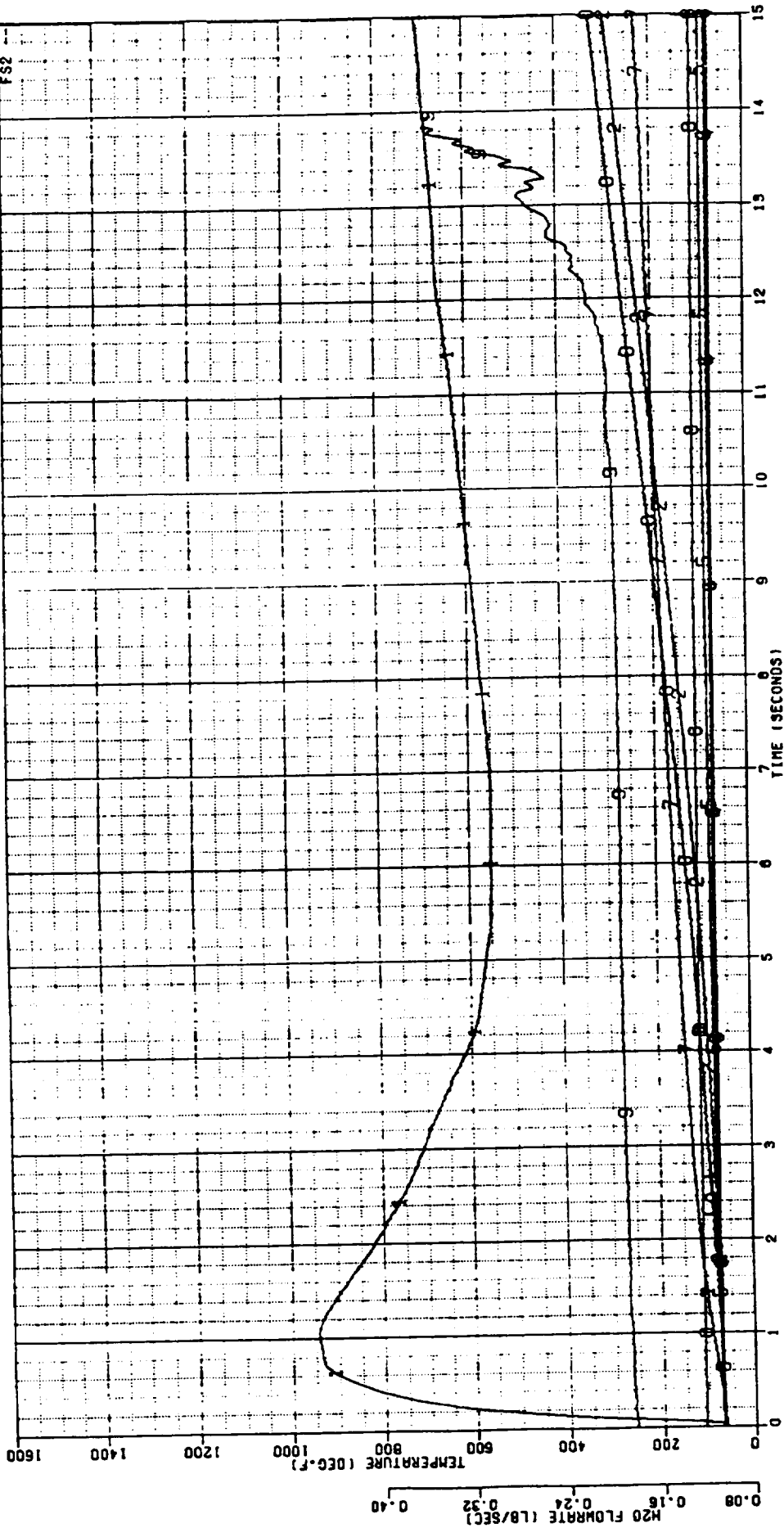
031
LXDI-002-0A-123 DATE 10-11-94 2124 HRS
1100 LB THRUSTER BAY-2 TEST PLOT 2

0	POTS	PSIA
1	PFTR	PSIA
2	POL-1	PSIA
3	PFL	PSIA
4	POJ	PSIA
5	PFJ	PSIA

0001
LXD1-DD2-0A-123 DATE 10-11-94 2124 HRS
1100 LB THRUSTER BAY-2 TEST PLOT 3

0	TOFM	DEO F
1	TFFM	DEO F
2	TOV	DEO F
3	TFVI	DEO F
4	TJB-1	DEO F
5	TJB-2	DEO F
6	TJB-3	DEO F

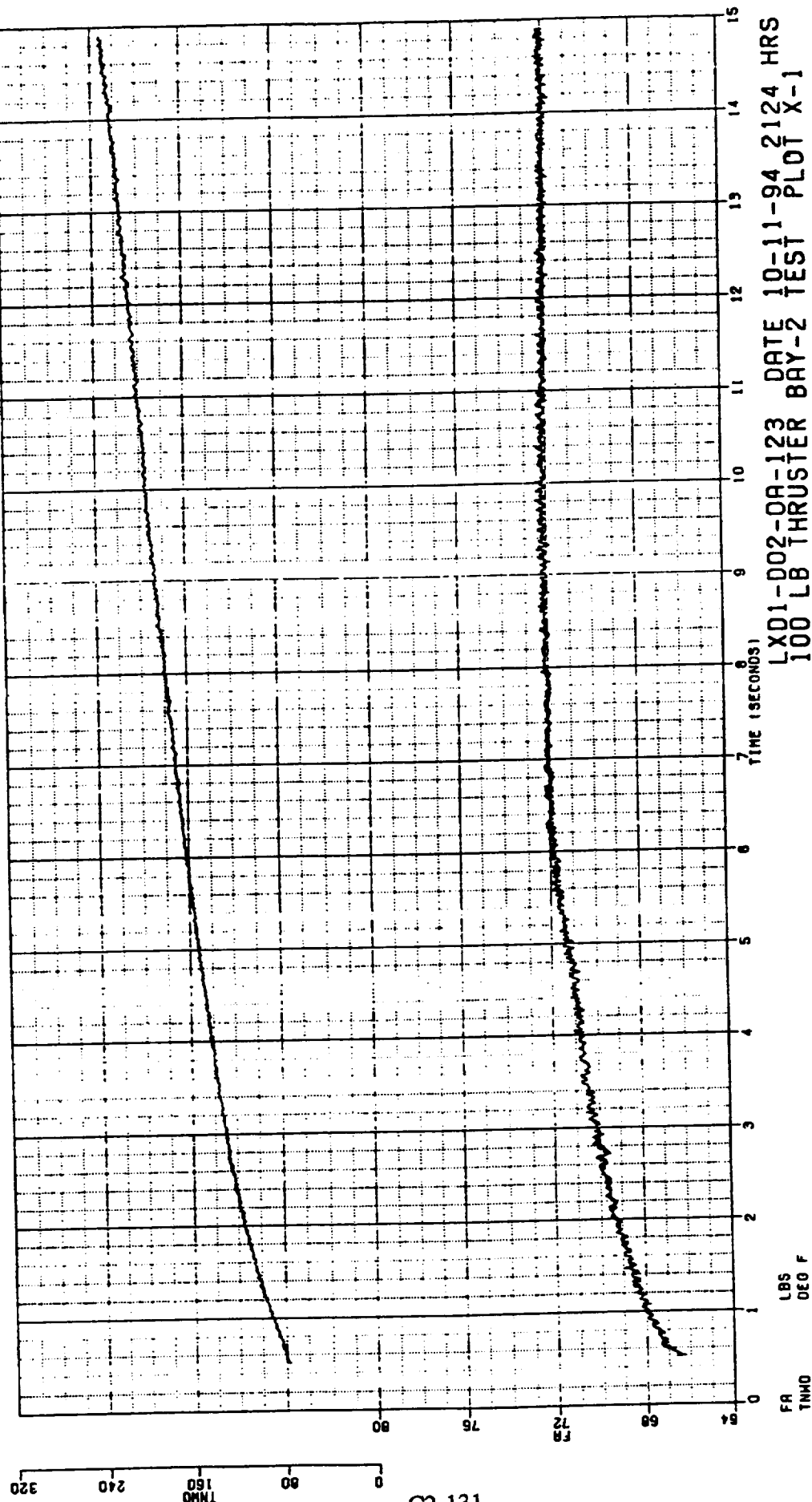
10-11-94 10-11-94 10-11-94
 10-11-94 10-11-94 10-11-94
 10-11-94 10-11-94 10-11-94



LXDI-D02-OR-123 DATE 10-11-94 2124 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

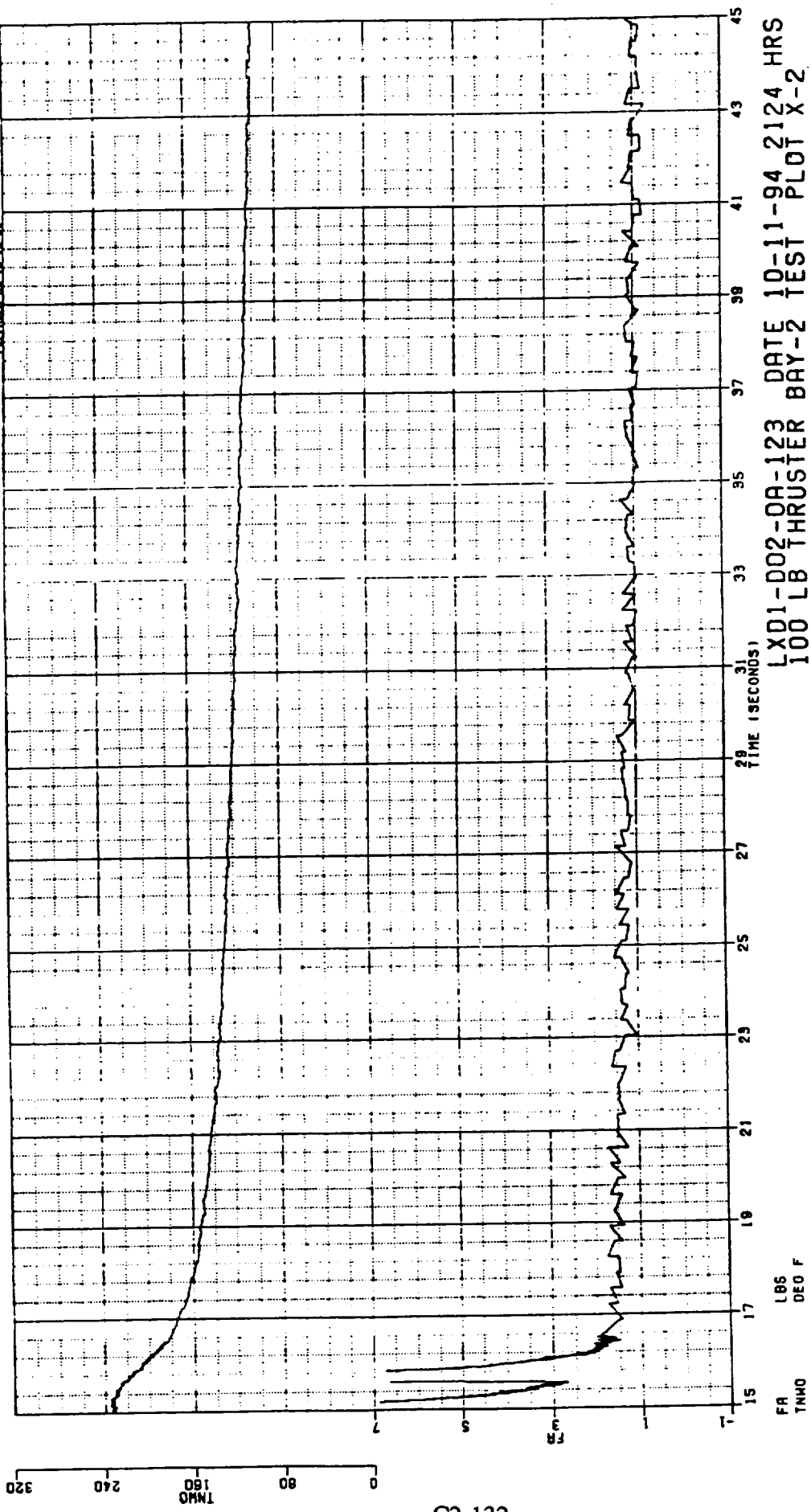
0 TTFB-1	DEG F	0 FNTW-1	LB-M
1 TTFB-2	DEG F	9 FNTW-1	LB-M
2 TTFB-3	DEG F		
4 TTWI	DEG F		
5 TTWO	DEG F		
6 TNWI	DEG F		
7 TNWO	DEG F		

9502-11 PROVISION, PO BOX 13215 SMCRAHMAN 95012
2127-1100 01-15-94

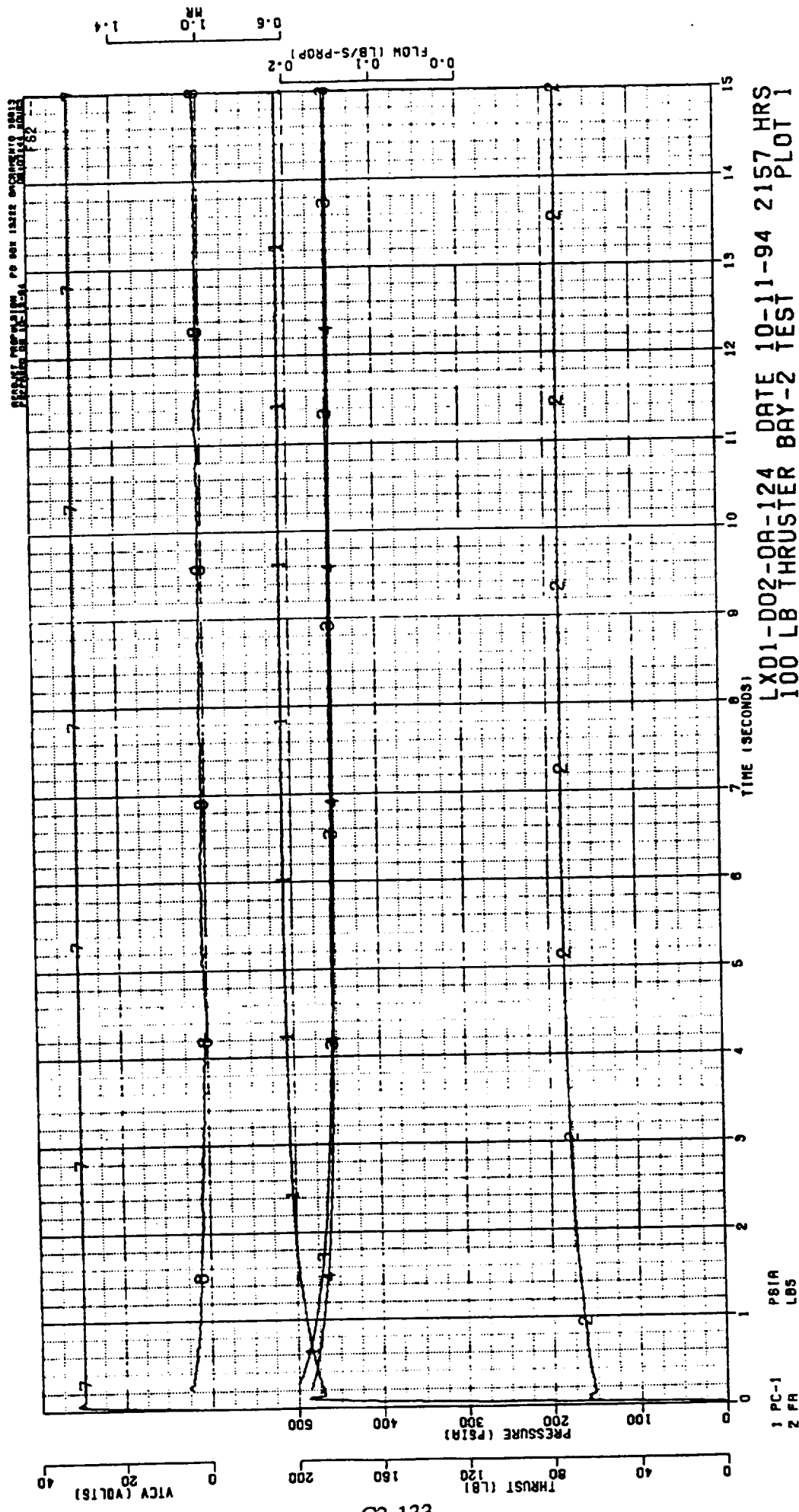


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100 LB THRUSTER BAY-2 TEST PLOT X-1

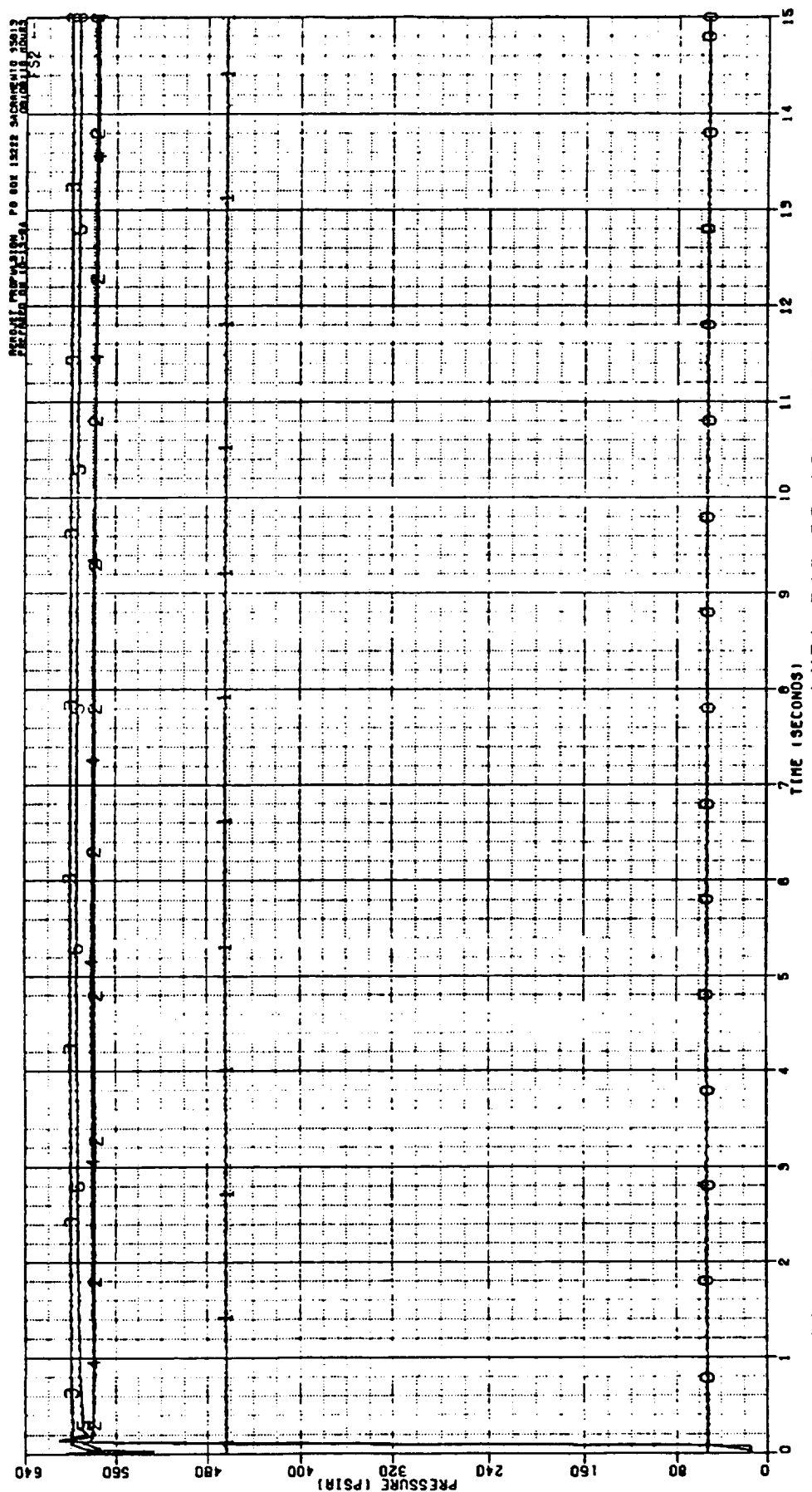
REPORT PROGRAM 3100 PO BOX 13222 SACRAMENTO 95813
DATE 10-11-94



LX01-002-0A-123 DATE 10-11-94 2124 HRS
100 LB THRUSTER BAY-2 TEST PLOT X-2



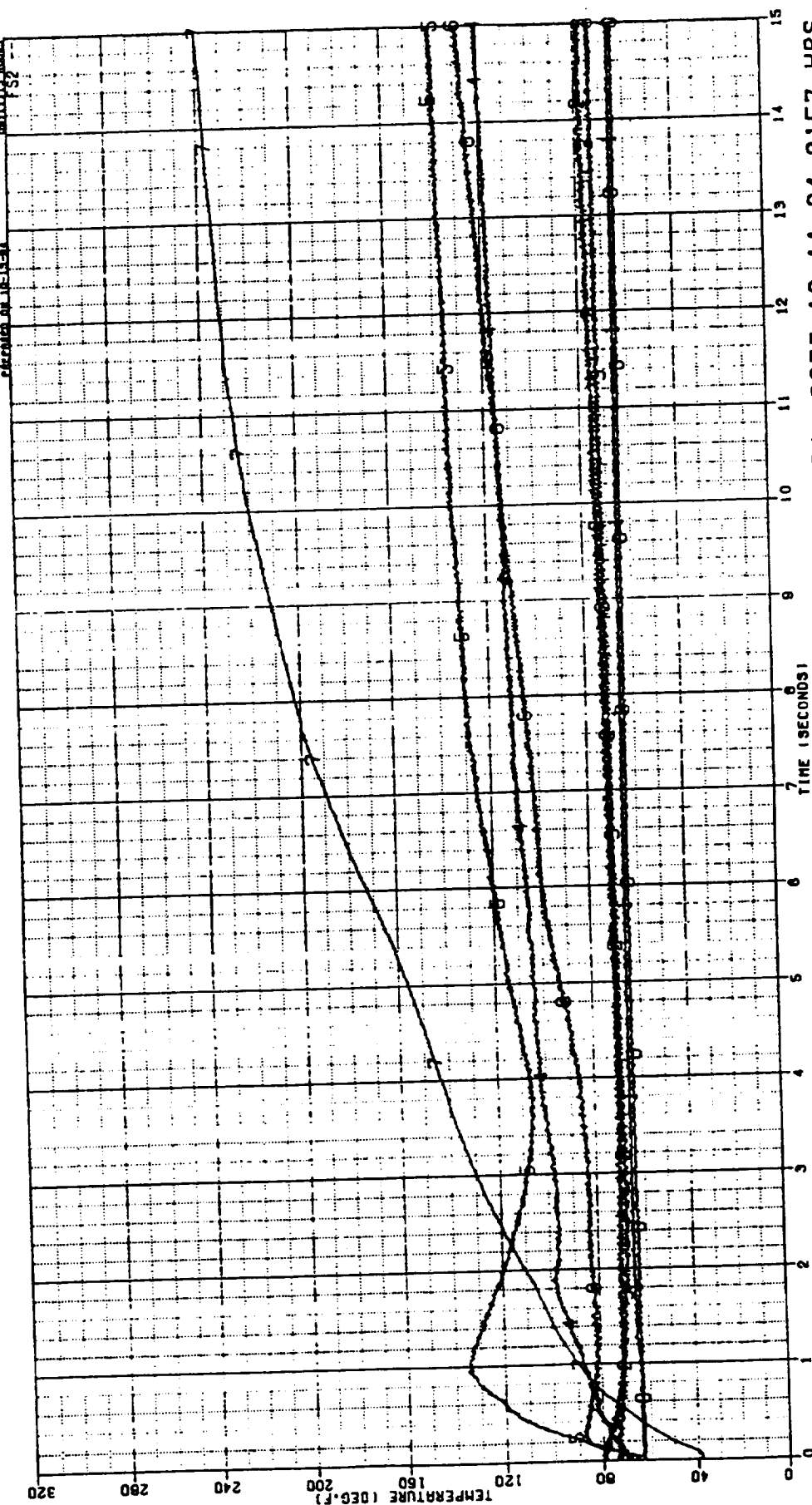
LX01-D02-0A-124 DATE 10-11-94 2157 HRS
100 LB THRUSTER BAY-2 TEST PLOT 1



LX01-D02-0A-124 DATE 10-11-94 2157 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 2

- 0 POTS PSIA
- 1 PFTR PSIA
- 2 POL-1 PSIA
- 3 PFL PSIA
- 4 POJ PSIA
- 5 PFJ PSIA

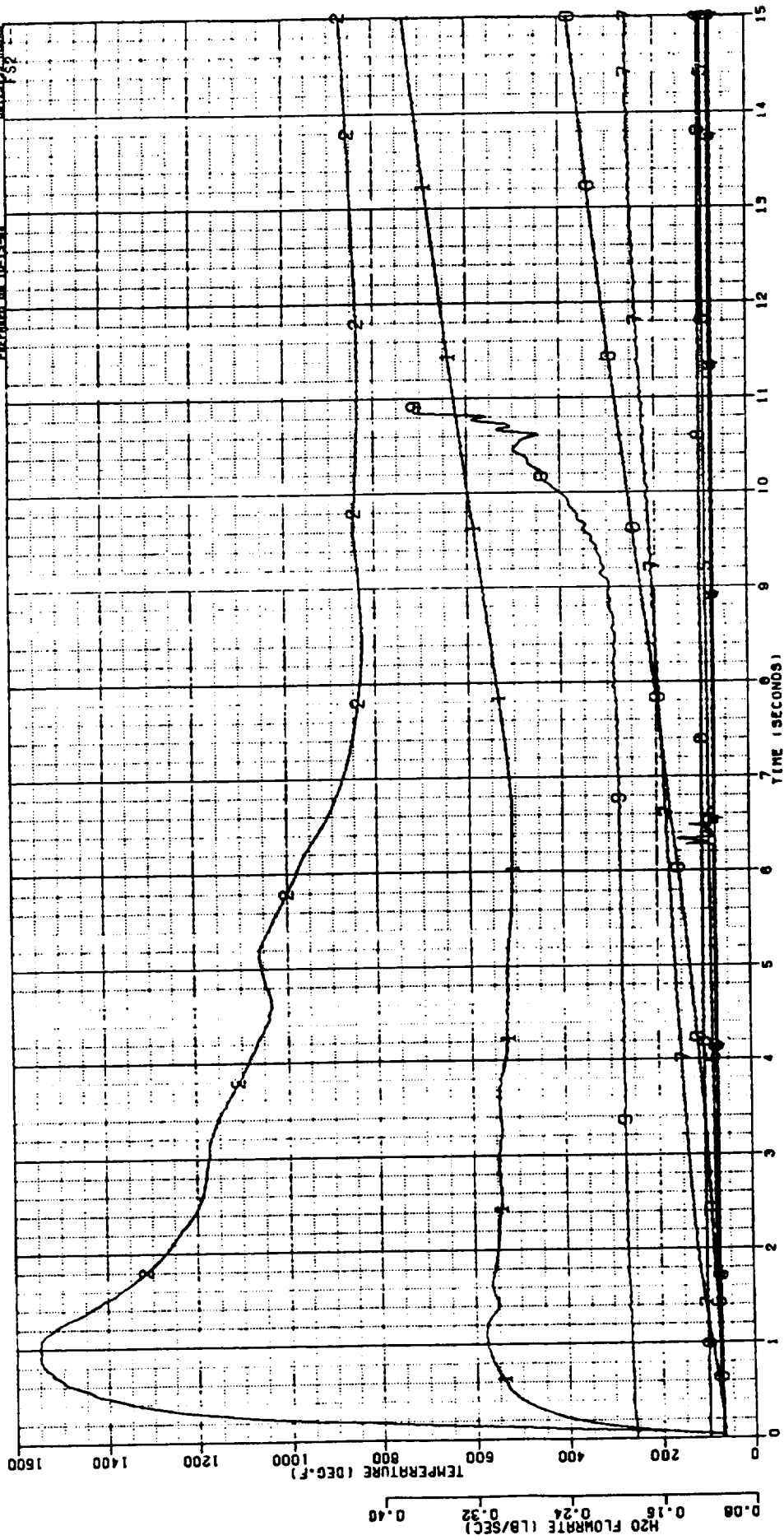
REPORT PREPARED FOR NO 12222 SACRAMENTO 25012
 PREPARED BY R. L. L. 152



LXD1-002-0A-124 DATE 10-11-94 2157 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 3

- 0 TOFH
- 1 TFFM
- 2 TOV
- 3 TFV1
- 4 TJB-1
- 5 TJB-2
- 6 TJB-3

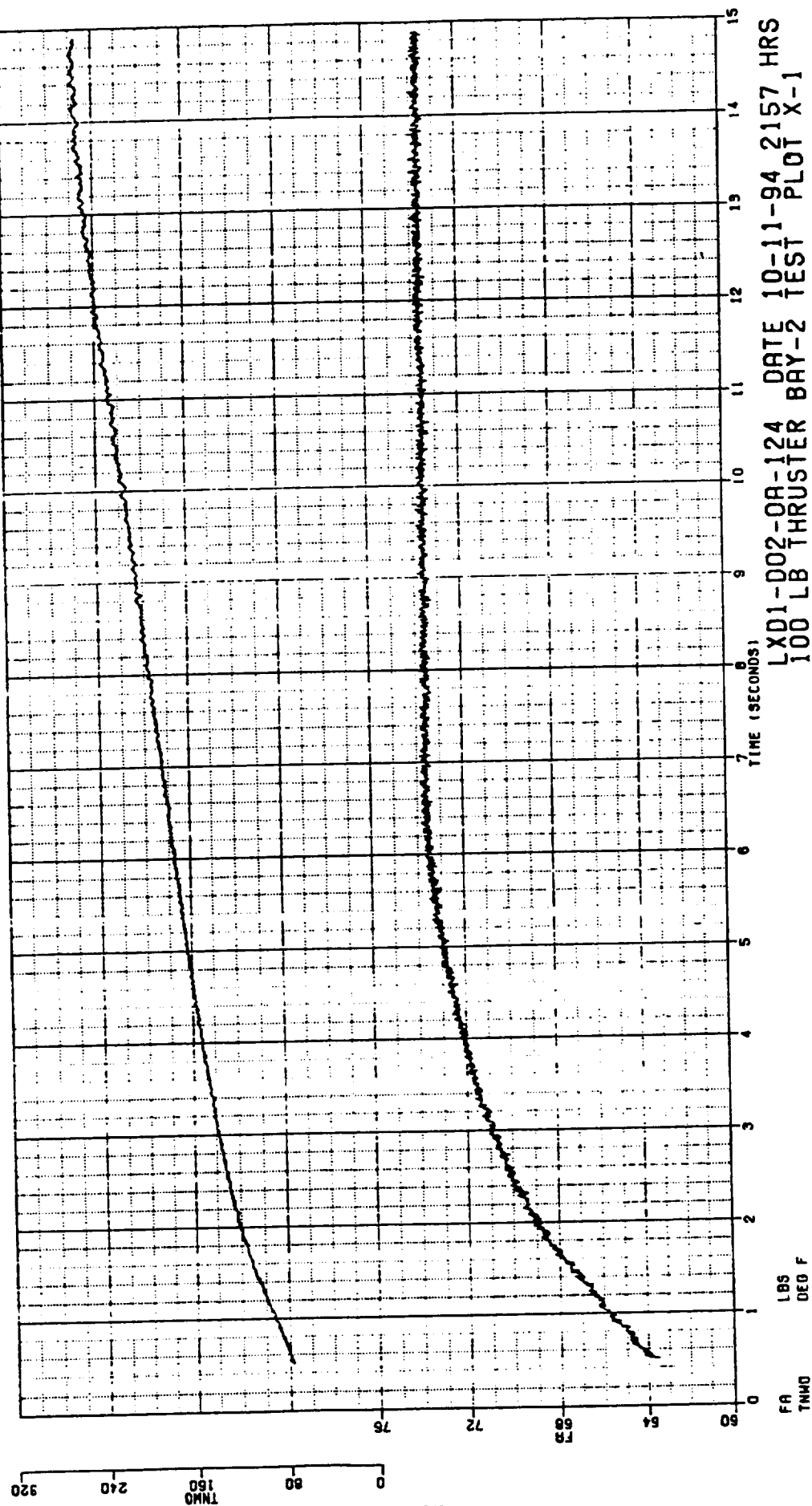
REPORT PREPARED BY: PO BOX 13222 SACRAMENTO 95812
 DATE: 10-11-94
 BY: J. J. J. J.



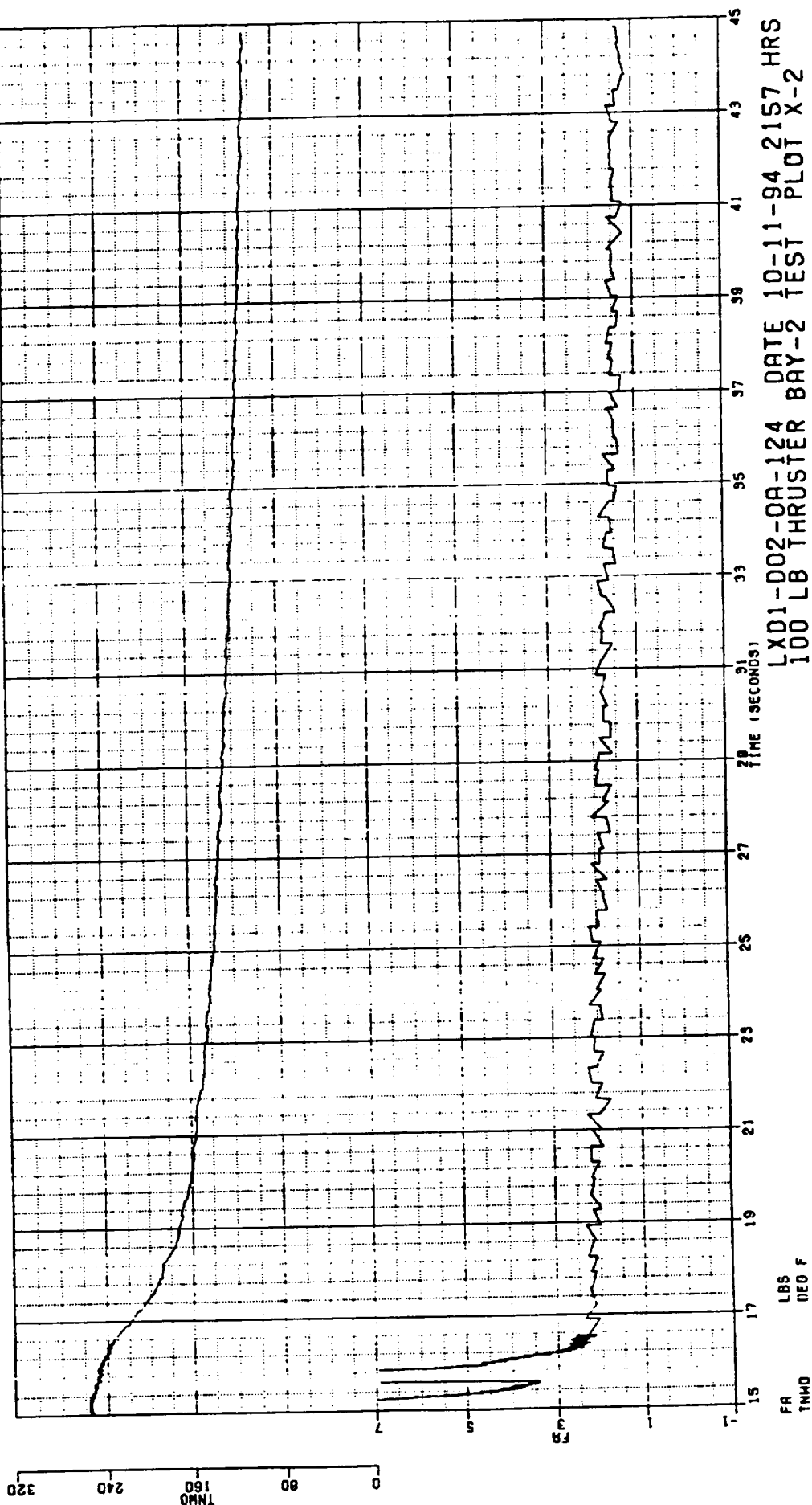
LXDI-D02-0A-124 DATE 10-11-94 2157 HRS
 100 LB THRUSTER BAY-2 TEST PLOT 4

- | | | | |
|----------|-------|----------|------|
| 0 TTFB-1 | DEO F | 0 FM1W-1 | LB-W |
| 1 TTFB-2 | DEO F | 9 FM1W-1 | LB-W |
| 2 TTFB-3 | DEO F | | |
| 4 TTWI | DEO F | | |
| 5 TTHO | DEO F | | |
| 6 TNMI | DEO F | | |
| 7 TNMI | DEO F | | |

SECURITY INFORMATION, PD BOX 13712 ENCLOSURE 10012
RECEIVED ON 10-11-94



REMARKS: PROPOSITION PO 903 13222 94-11-11-94
PERFORMED ON 10-11-94



C3 Test Data Measurements – High Frequency Stability Data

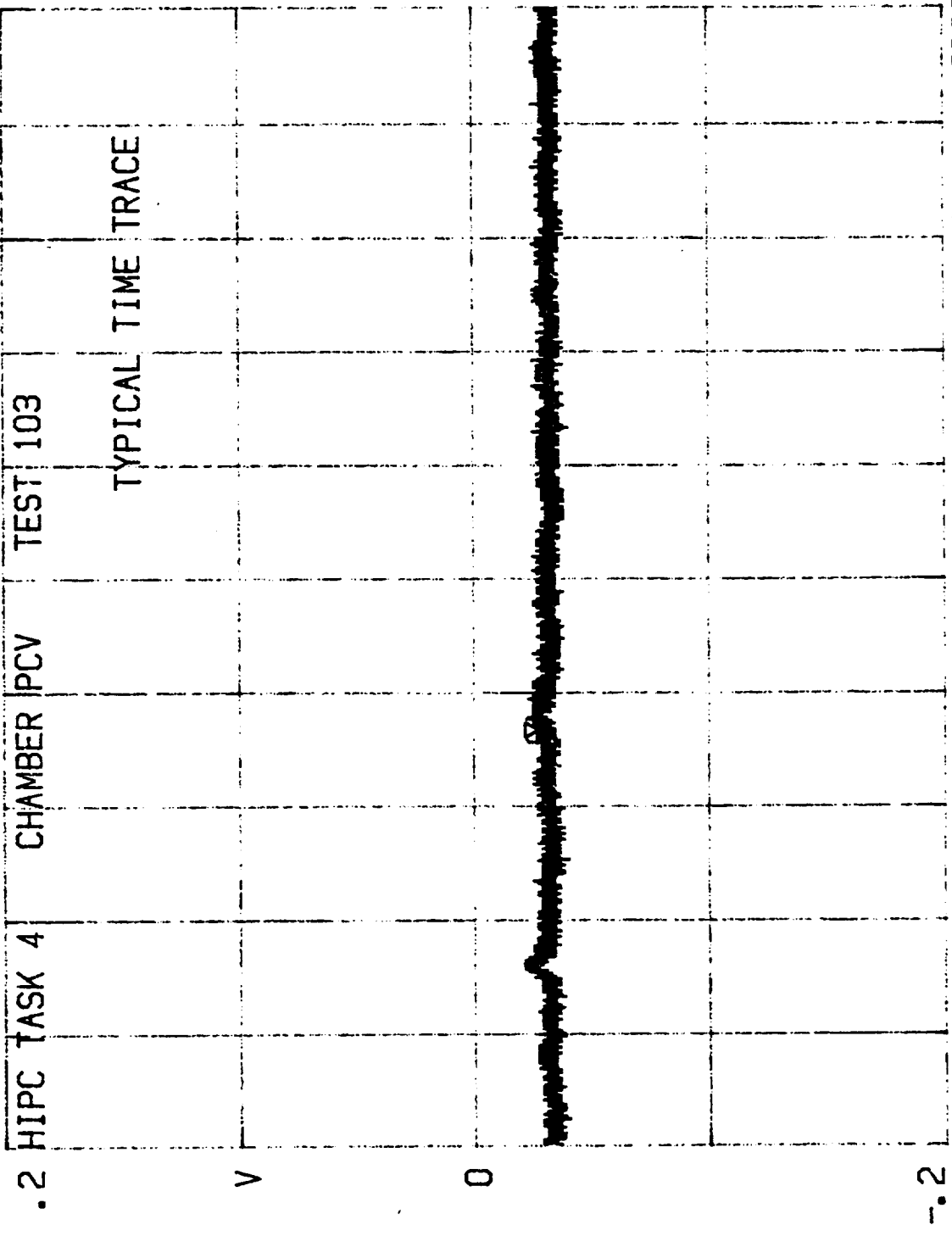
HIPC288 TESTS REDUCED FOR HIGH FREQUENCY DATA

9-27-94 HIPC TASK 4

UPDATE 10-14-94

TEST	CONFIGURATION			FIRING TIME sec	MR O/F	Pc psia	AMPLITUDE, PERCENT				CHAMBER		
	Ht in.	Lt in.	Matl.				FREQ CAVITY	AMPLITUDE VOLT	PSIA	Pc			
101	0.25	0.75	Cu	0.51									
102	0.25	0.75	Cu	15.0	0.84	248							
103	0.25	0.75	Cu	14.8	0.79	245	13400	0.00177		0.144313	14600	0.0014	0.28
104	0.25	0.75	Cu	15.0	0.91	247	14100	0.00182		0.147428			0.114146
105	0.25	0.75	Cu	15.0	0.72	246	12100	0.00171		0.138799			
106	0.25	0.75	Cu	15.0	1.00	249	12800	0.0017		0.136711			
107	0.40	0.75	Cu	15.0	0.80	247	12800	0.00188		0.152288	2830		
108	0.40	0.75	Cu	15.0	0.90	250	10900	0.00155		0.31	0.124		
109	0.40	0.75	Cu	15.0	0.71	247	13000	0.00163		0.326	0.132252		
110	0.40	0.75	Cu	15.0	0.77	247	12300	0.00177		0.354	0.14332		
111	0.25	0.30	Cu	15.0	0.81	248	13200	0.00197		0.394	0.158615		
112	0.25	0.30	Cu	15.0	0.97	248	13800	0.00204		0.408	0.164649		
113	0.25	0.75	Re	15.0	0.72	242	13500	0.00151		0.302	0.124639		
114	0.25	0.75	Re	15.0	0.83	247	11900	0.00145		0.29	0.117552		
115	0.25	0.75	Re	15.0	0.87	242	14400	0.00141		0.282	0.116529		
116	0.25	0.75	Re	@14 sec	0.85	245	13800	0.0018		0.36	0.147239		
117	0.25	0.75	Ir-Re	15.0	0.70	97	1100	0.00114		0.228	0.235124		
118	0.25	0.75	Ir-Re	15.0	0.87	100	2000	0.00137		0.274	0.272936		
119	0.25	0.75	Ir-Re	15.0	0.97	101	1100	0.0012		0.24	0.238806		
120	0.25	0.75	Ir-Re	15.0	1.08	100	2000	0.0014		0.28	0.279441		
122	0.25	0.75	Cu	15.0	0.76	505	14200	0.00258		0.516	0.102118	17100	0.081932
123	0.25	0.75	Cu	15.0	0.84	501	29000	0.00316		0.632	0.126047	2000	0.075788
124	0.25	0.75	Cu	15.0	1.01	509	17100	0.00207		0.414	0.081352	2100	0.043624

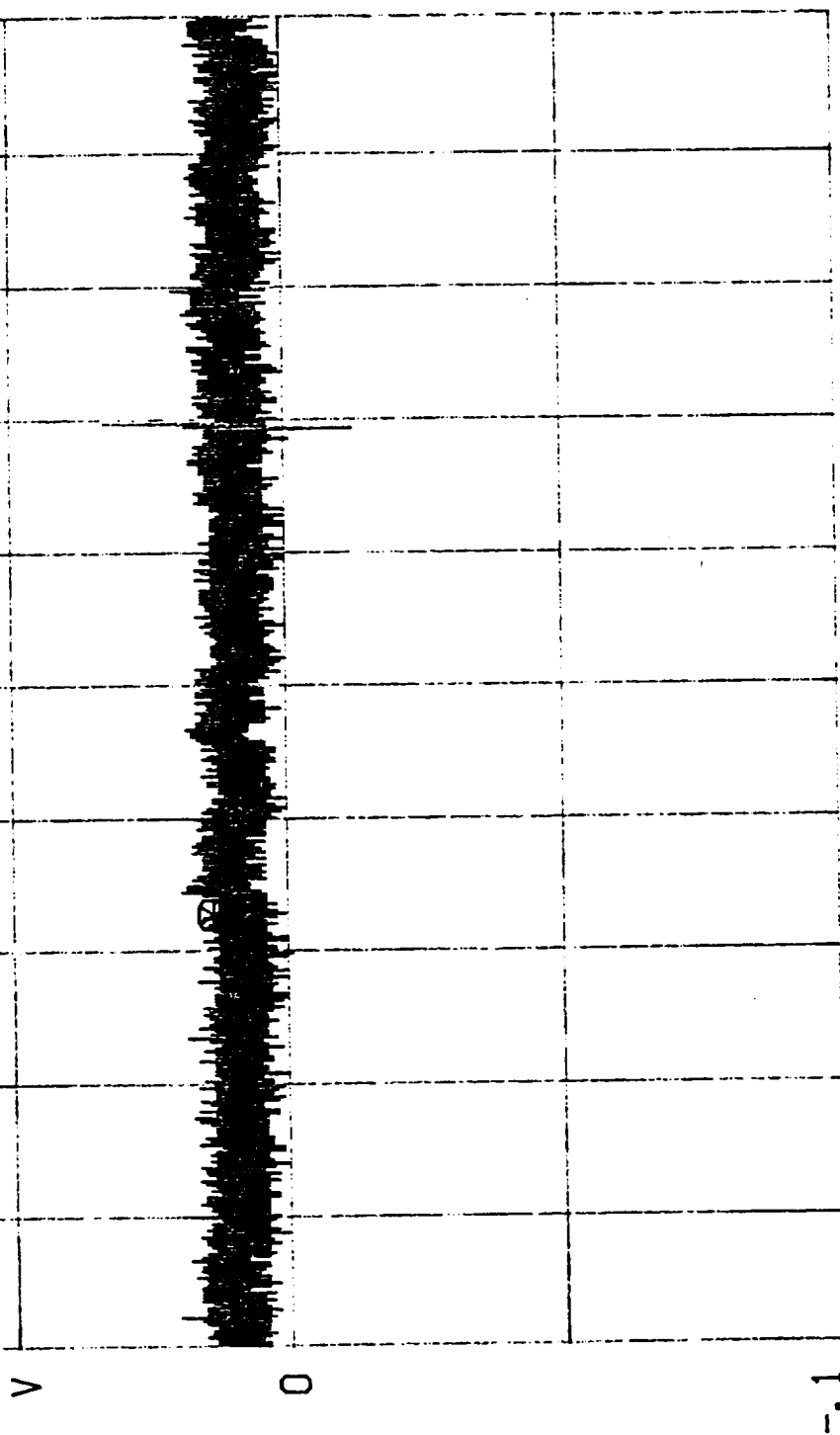
SETUP 01:30:16
 .2 HIPC TASK 4
 GRP TIME A
 TIME A
 CHAMBER INP
 UPPR
 VW 40DB CH A
 DG X.5 WTC H A .05V
 FR 40KHZ



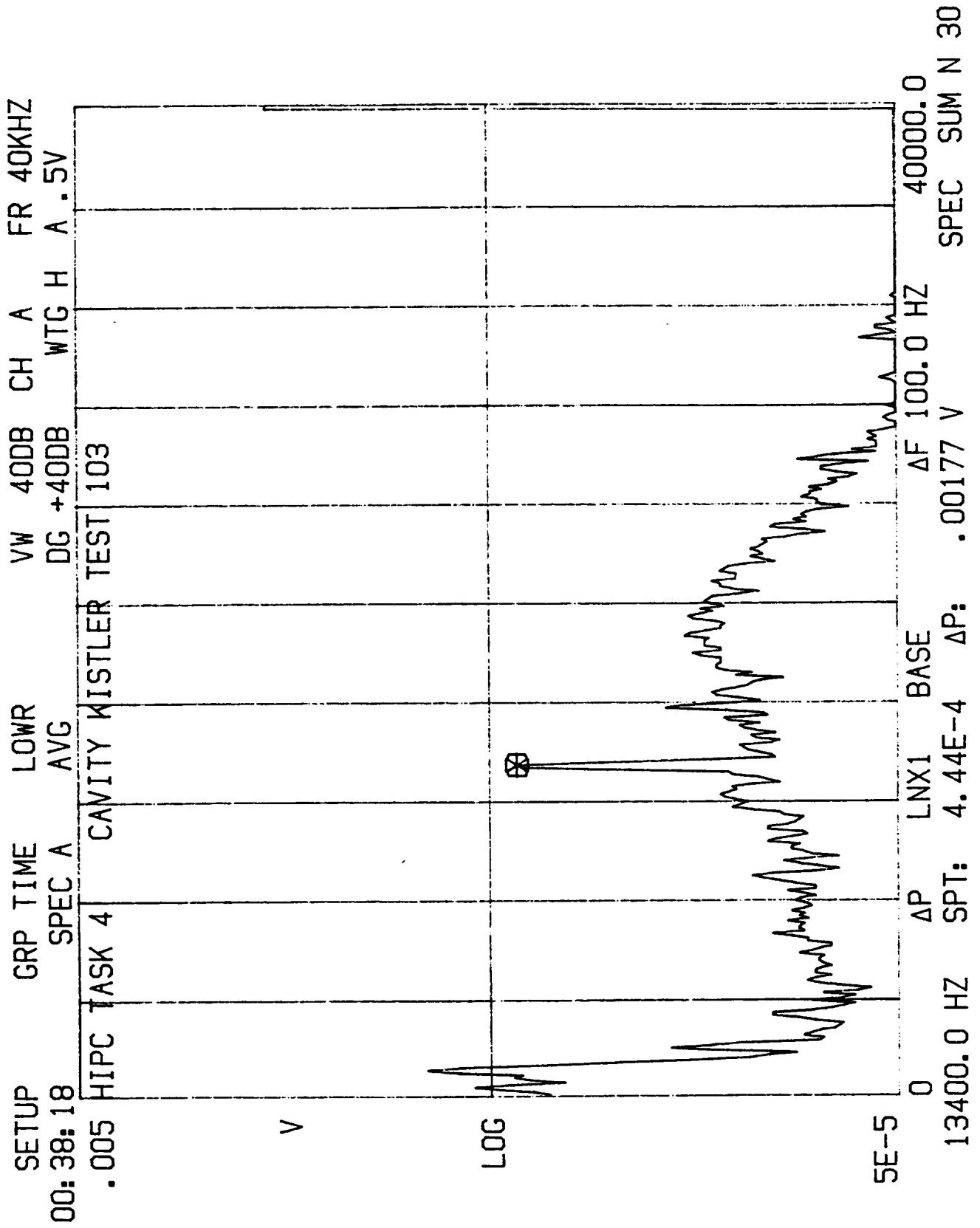
.20439 SEC
 NORM CMPRSD BASE
 TM: -.0258 V
 AT .700m SEC
 .56000
 SPEC SUM N 30

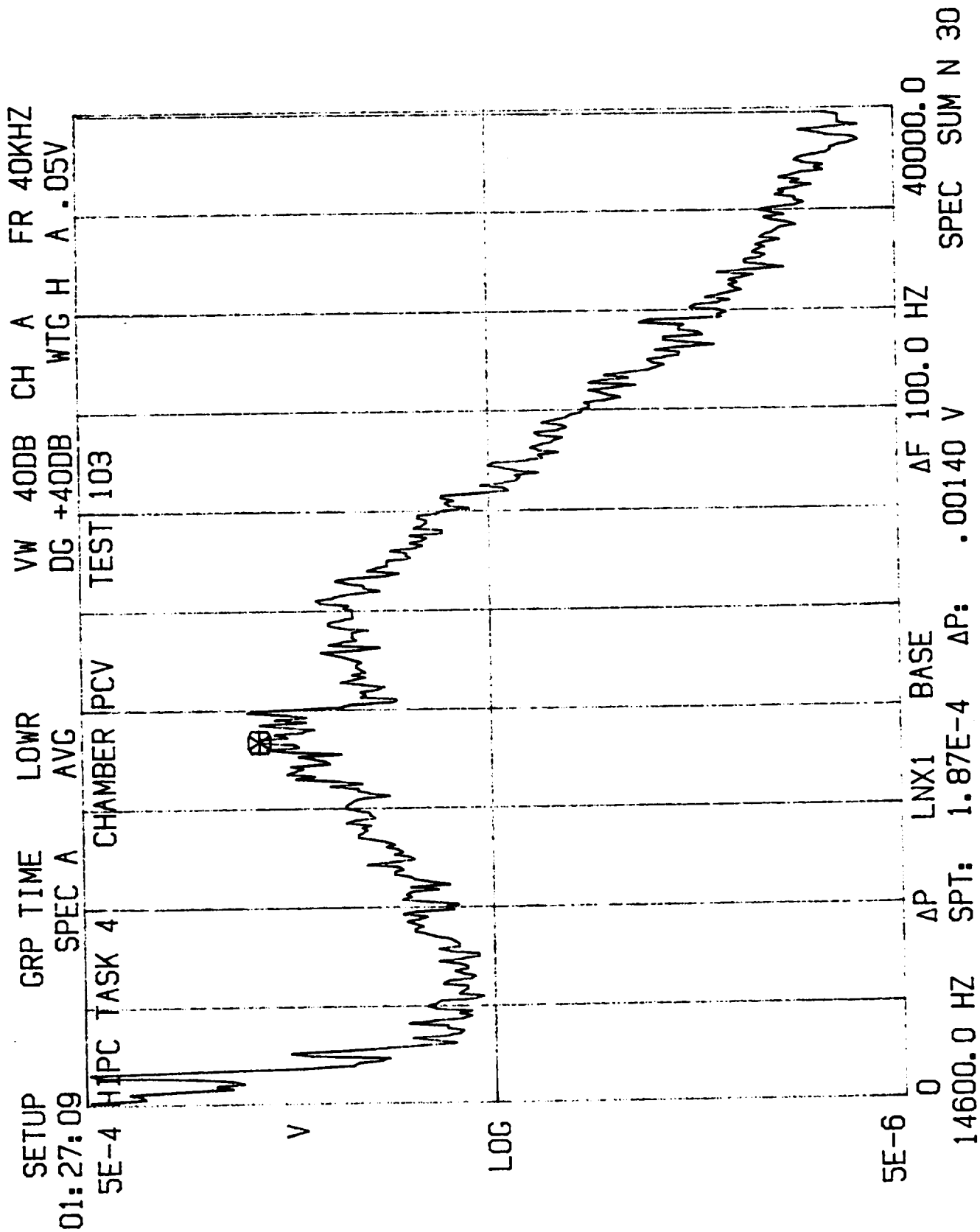
SETUP GRP TIME UPRR VW 40DB CH A FR 40KHZ
 00:54:41 TIME A INP DG X10 WTG H A .5V

.1 HIPC TASK 4 CAVITY KISTLER TEST 109
 TYPICAL TIME TRACE

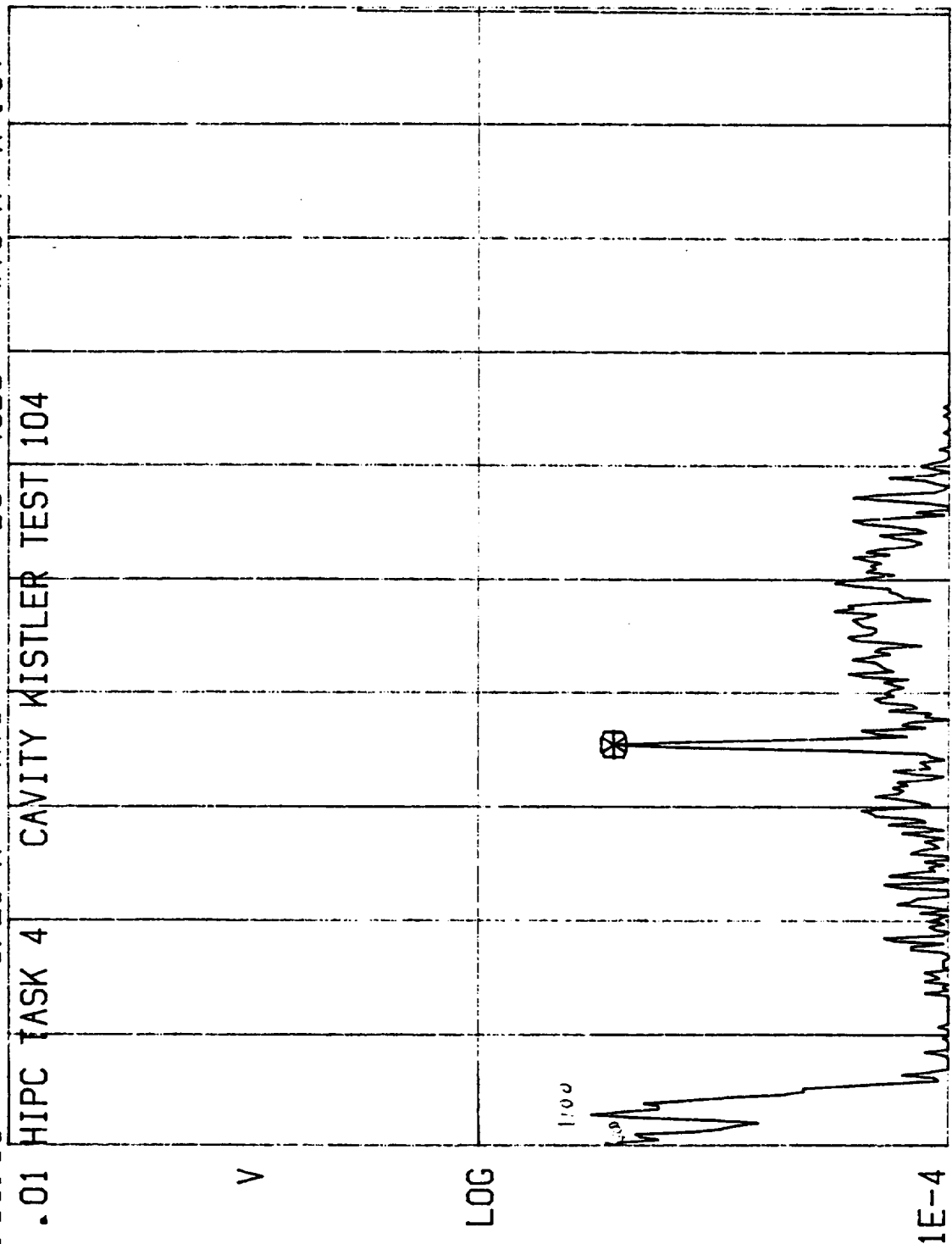


0 NORM CMPSD BASE .18200 SEC TM: .0145 V
 .700m SEC .56000 SPEC SUM N 30



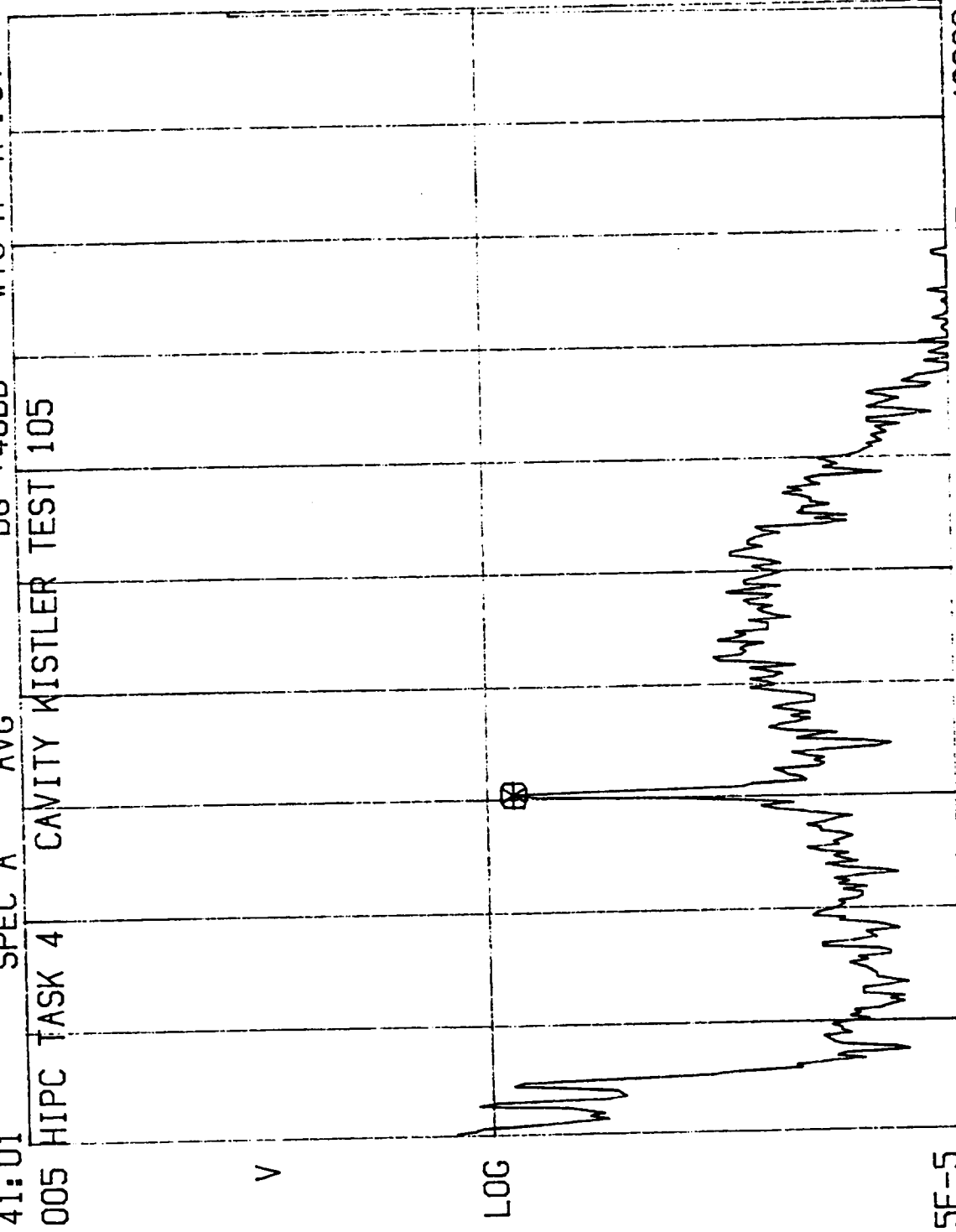


SETUP GRP TIME LOWR VW 40DB CH A FR 40KHZ
 00:35:33 SPEC A CAVITY KISTLER TEST 104
 .01 HIPC TASK 4



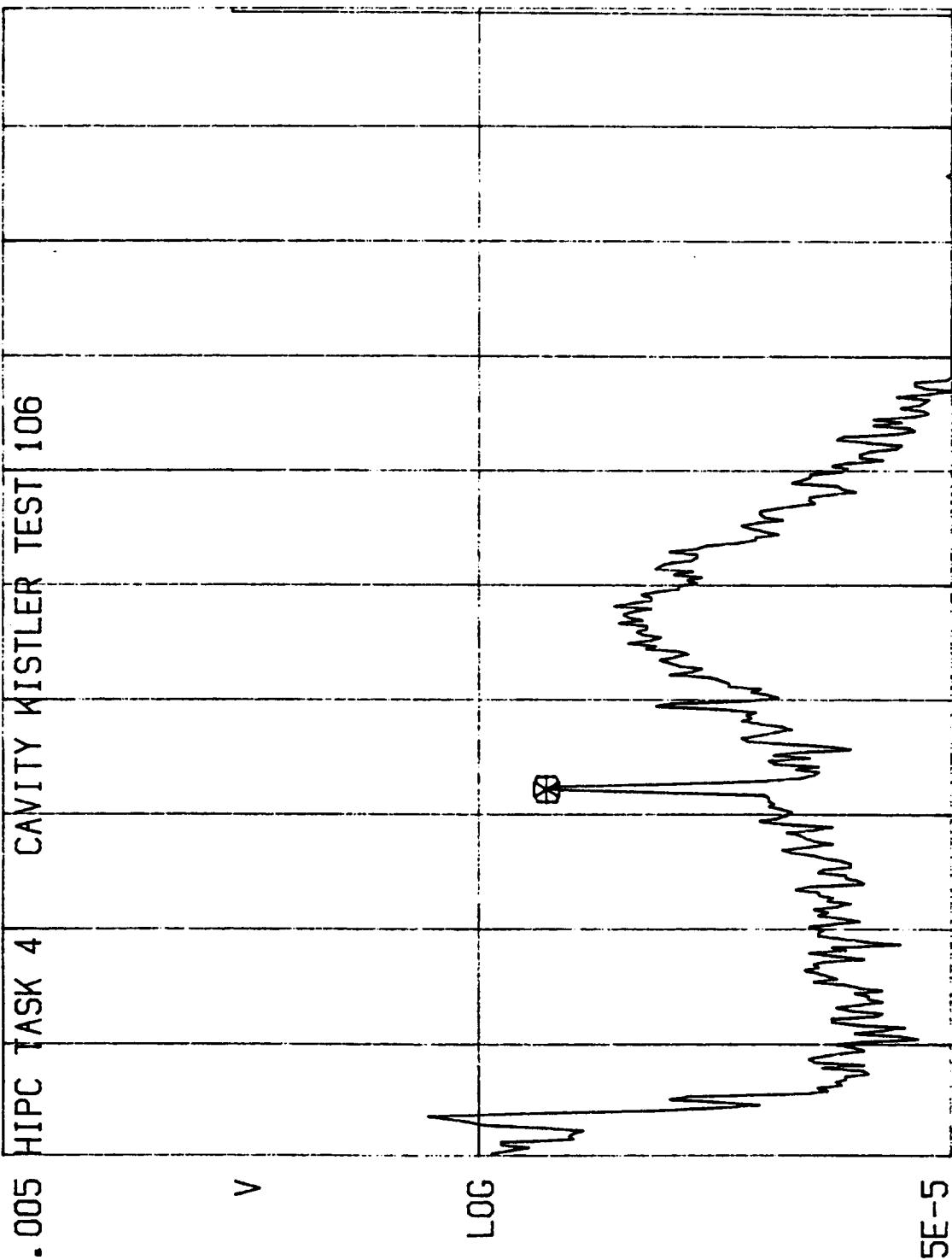
14100.0 HZ ΔP SPT: 5.21E-4 ΔP: .00182 V ΔF 100.0 HZ 40000.0
 0 SPEC SUM N 30

SETUP 00:41:01
 .005 HIPC TASK 4
 GRP TIME SPEC A
 CAVITY KISTLER TEST 105
 VW 40DB CH A
 DG +40DB WTC H A .5V
 FR 40KHZ

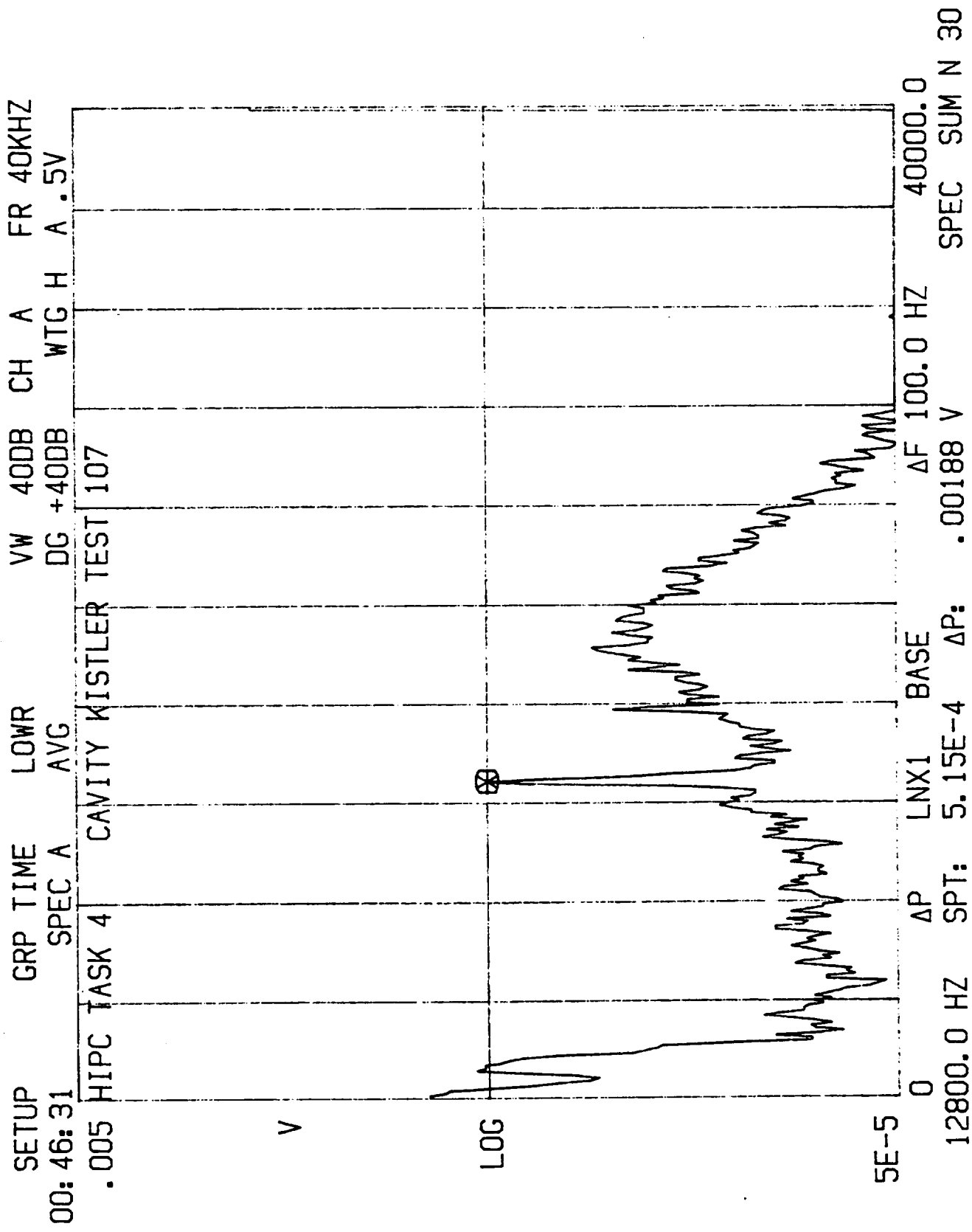


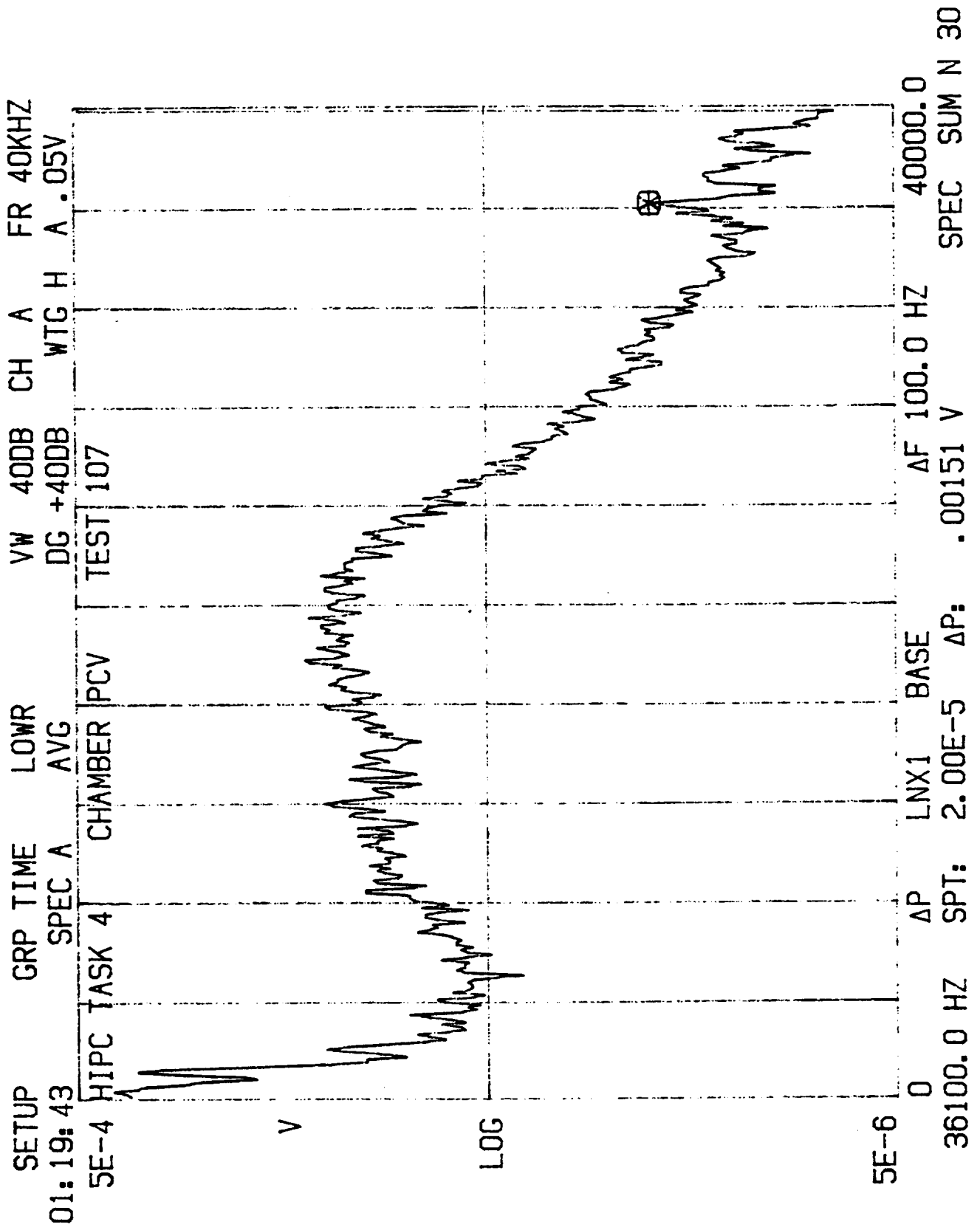
12100.0 HZ
 ΔP
 SPT: 4.51E-4
 ΔP: .00171 V
 LN1 BASE
 ΔF 100.0 HZ
 40000.0
 SPEC SUM N 30

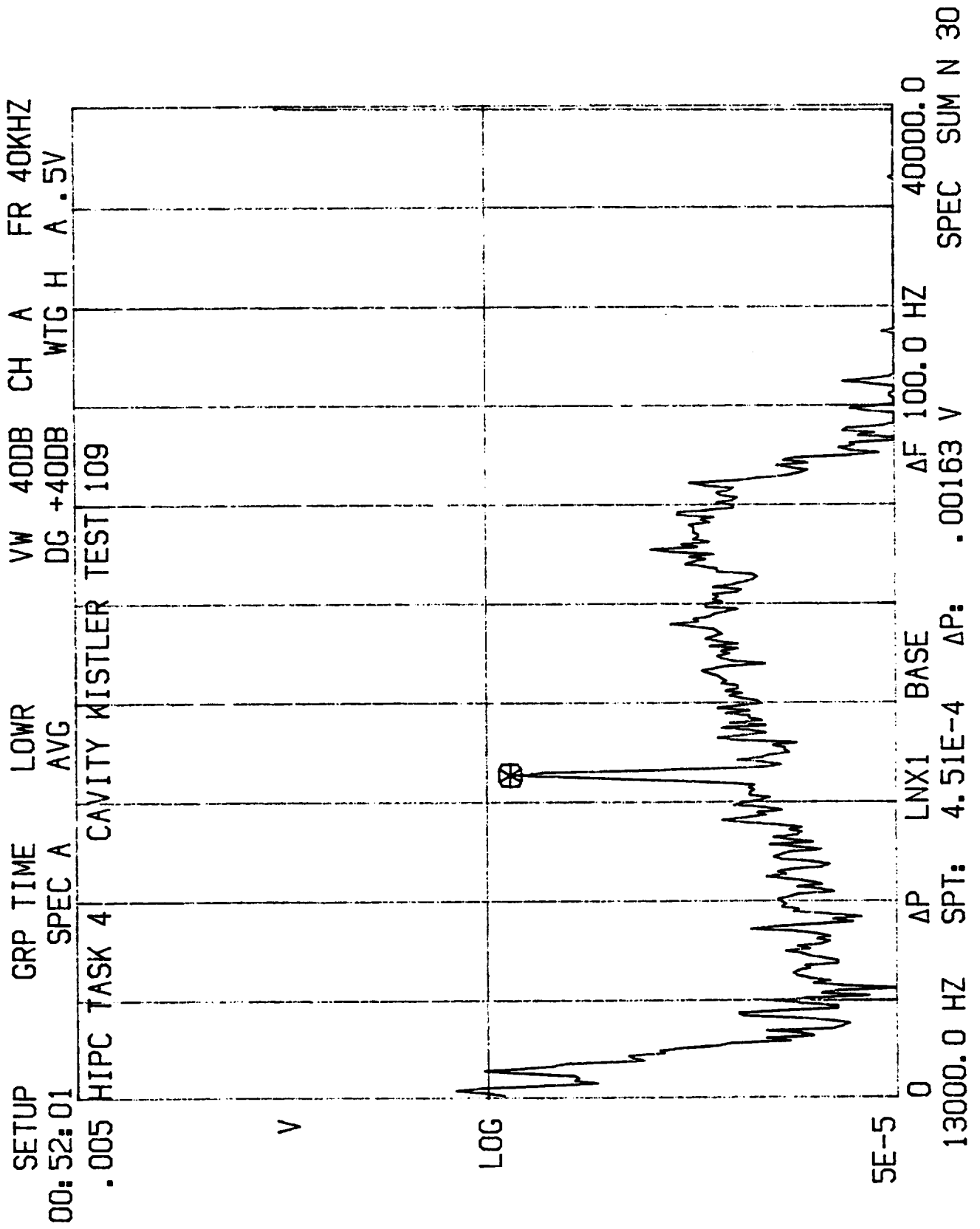
SETUP GRP TIME LOWR VW 40DB CH A FR 40KHZ
 00:43:48 SPEC A AVG DG +40DB WTG H A .5V
 .005 HIPC TASK 4 CAVITY KISTLER TEST 106



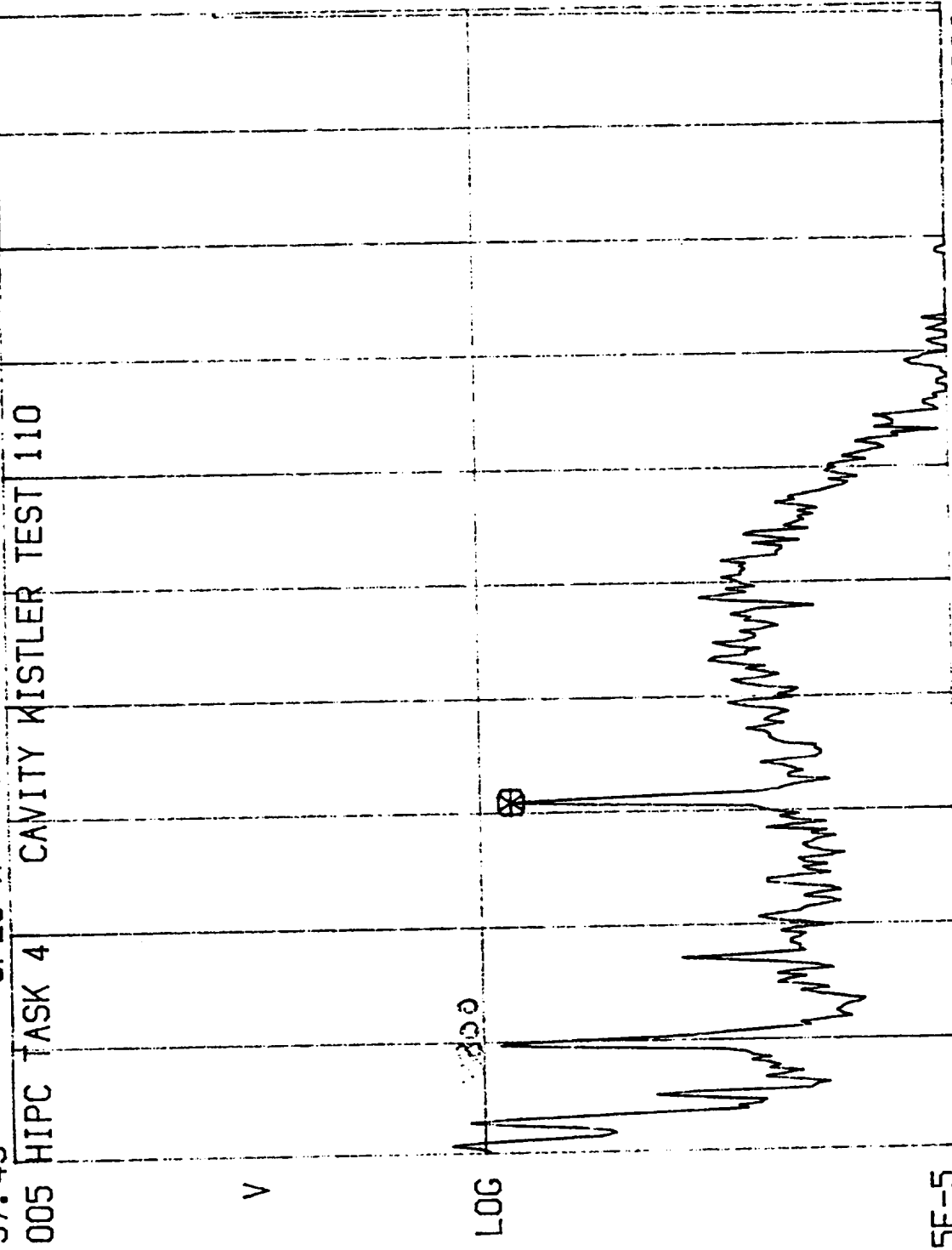
0 ΔP LN1 BASE ΔF 100.0 HZ 40000.0
 12800.0 HZ SPT: 3.63E-4 ΔP: .00170 V SPEC SUM N 30





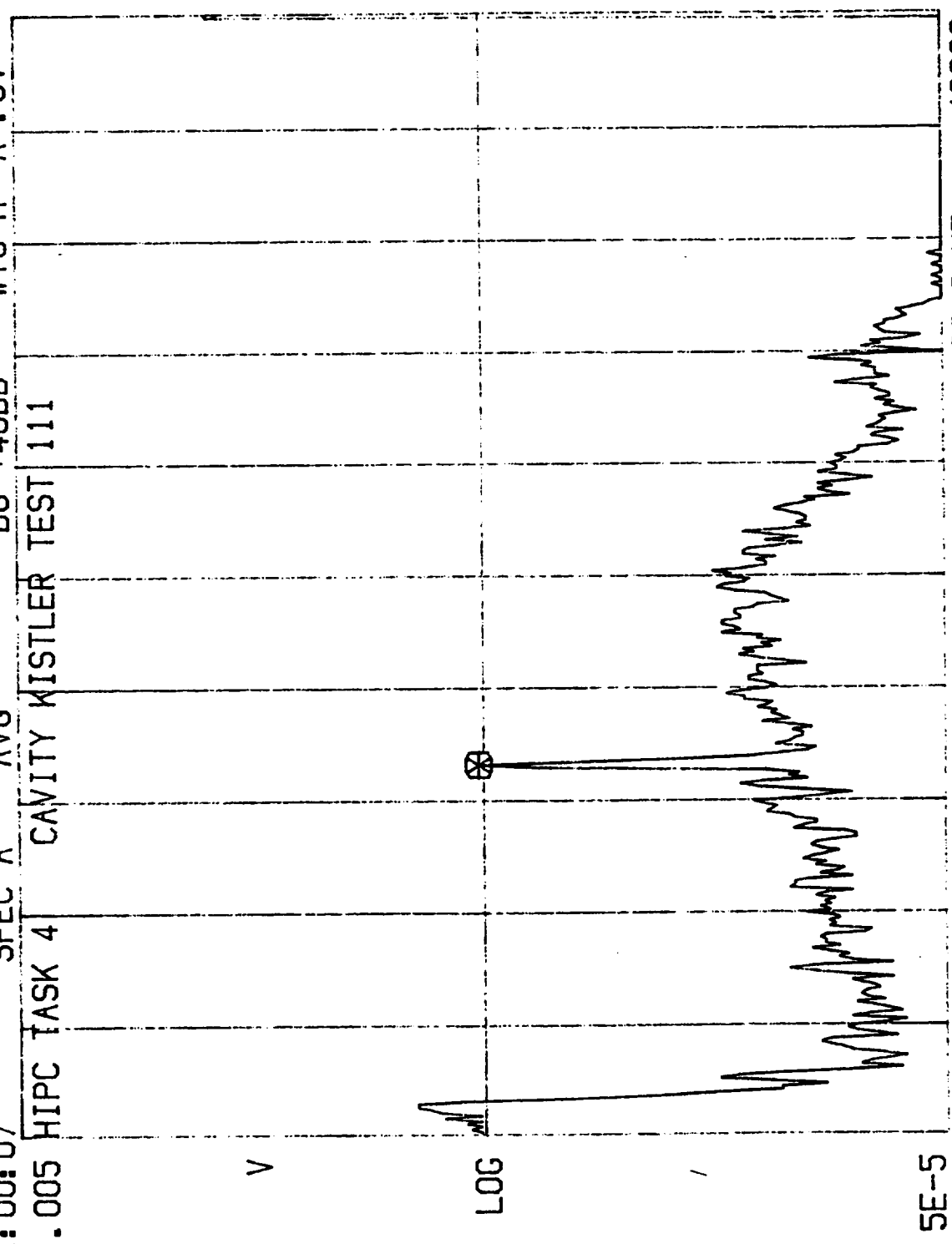


SETUP GRP TIME LOWR VW 40DB CH A FR 40KHZ
 00:57:43 SPEC A AVG DG +40DB WTC H A .5V
 .005 HIPC TASK 4 CAVITY KISTLER TEST 110



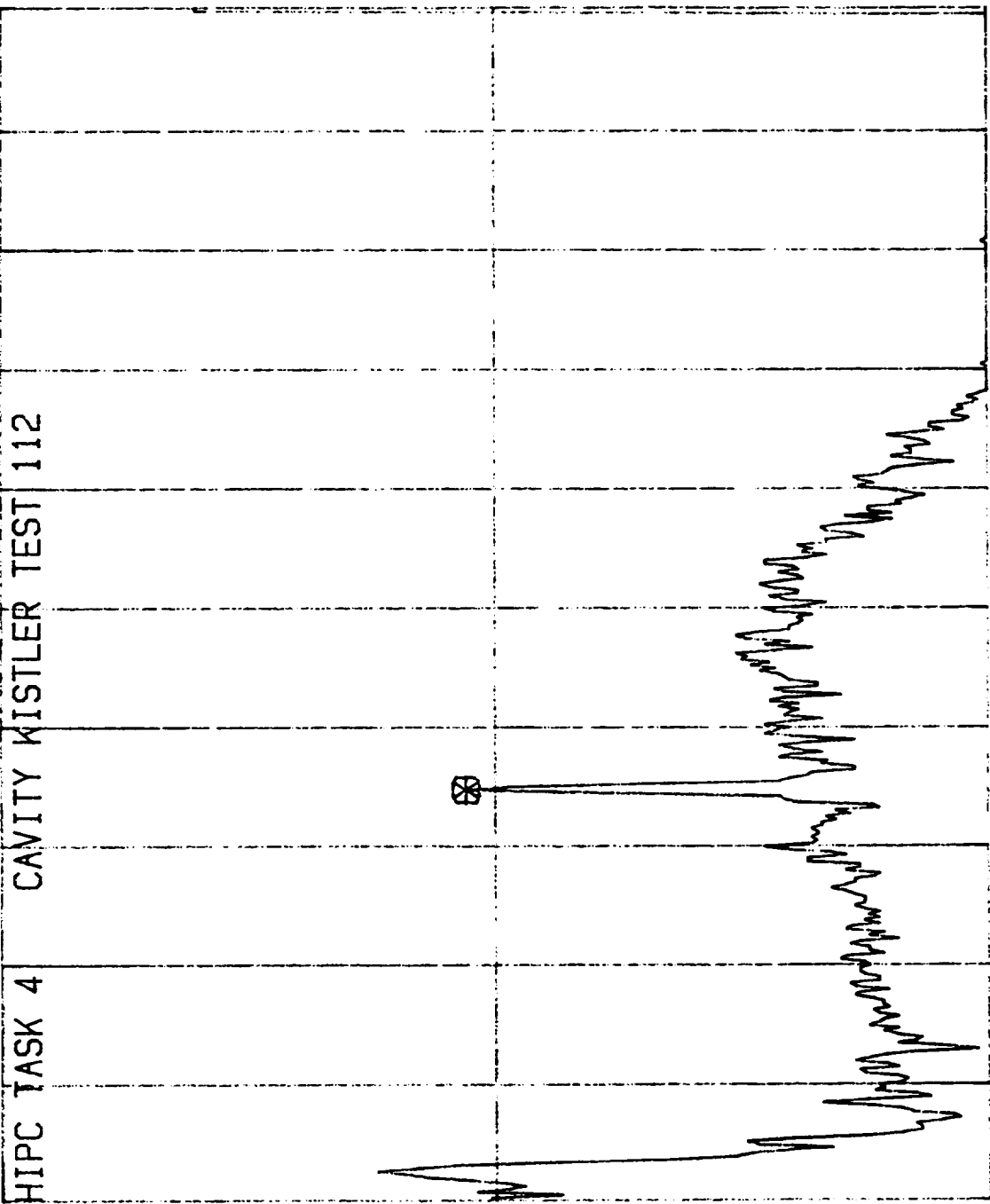
12300.0 HZ 0 ΔP LNX1 BASE ΔF 100.0 HZ 40000.0
 SPT: 4.40E-4 ΔP: .00177 V SPEC SUM N 30

SETUP 01:00:07
 .005 HIPC TASK 4
 GRP TIME SPEC A
 LOWR AVG
 CAVITY KISTLER TEST 111
 VW 40DB DG +40DB
 CH A WTG H A .5V
 FR 40KHZ

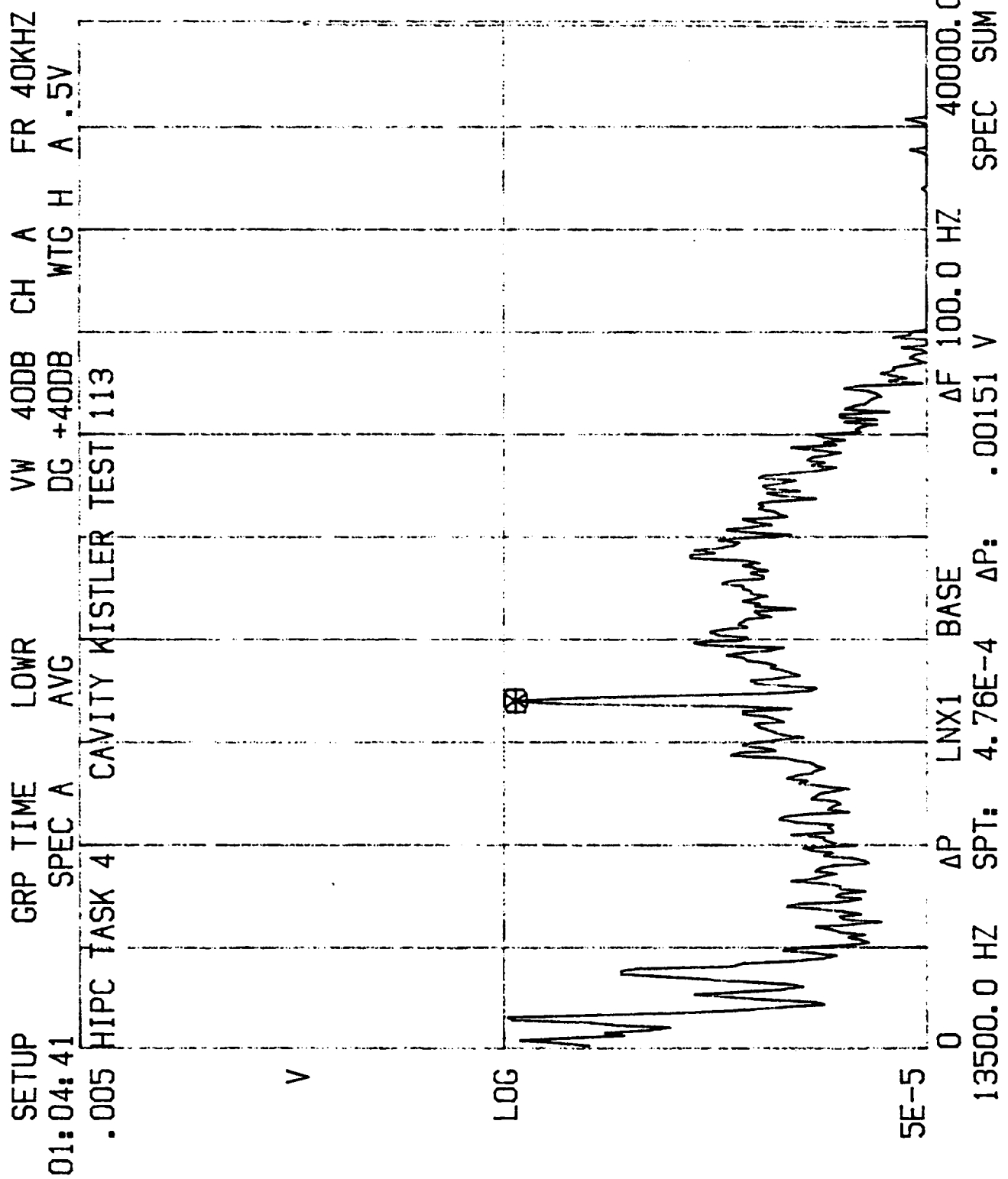


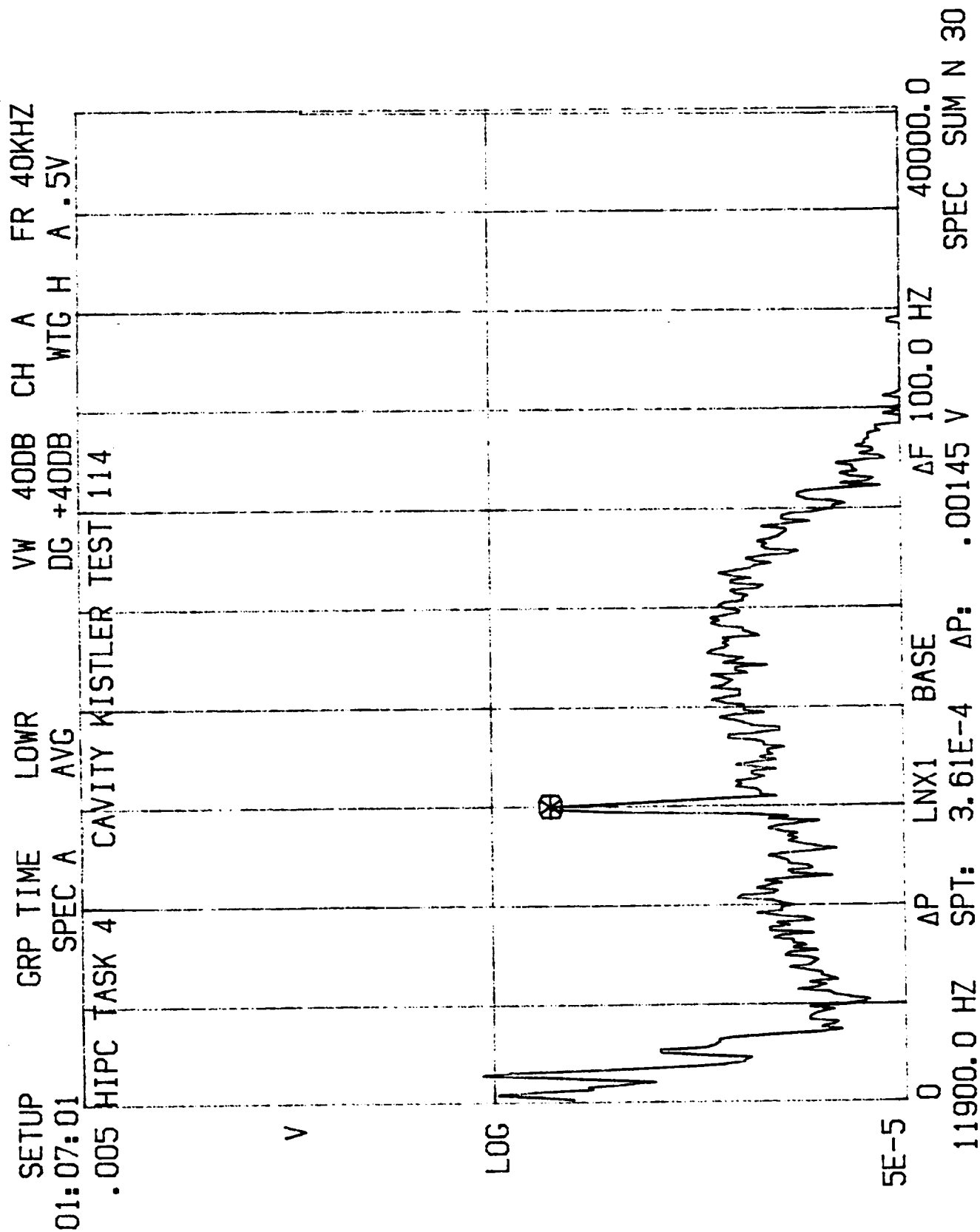
0 13200.0 HZ
 ΔP SPT: 5.21E-4 ΔP:
 LN1 BASE
 ΔF 100.0 HZ
 40000.0
 SPEC SUM N 30

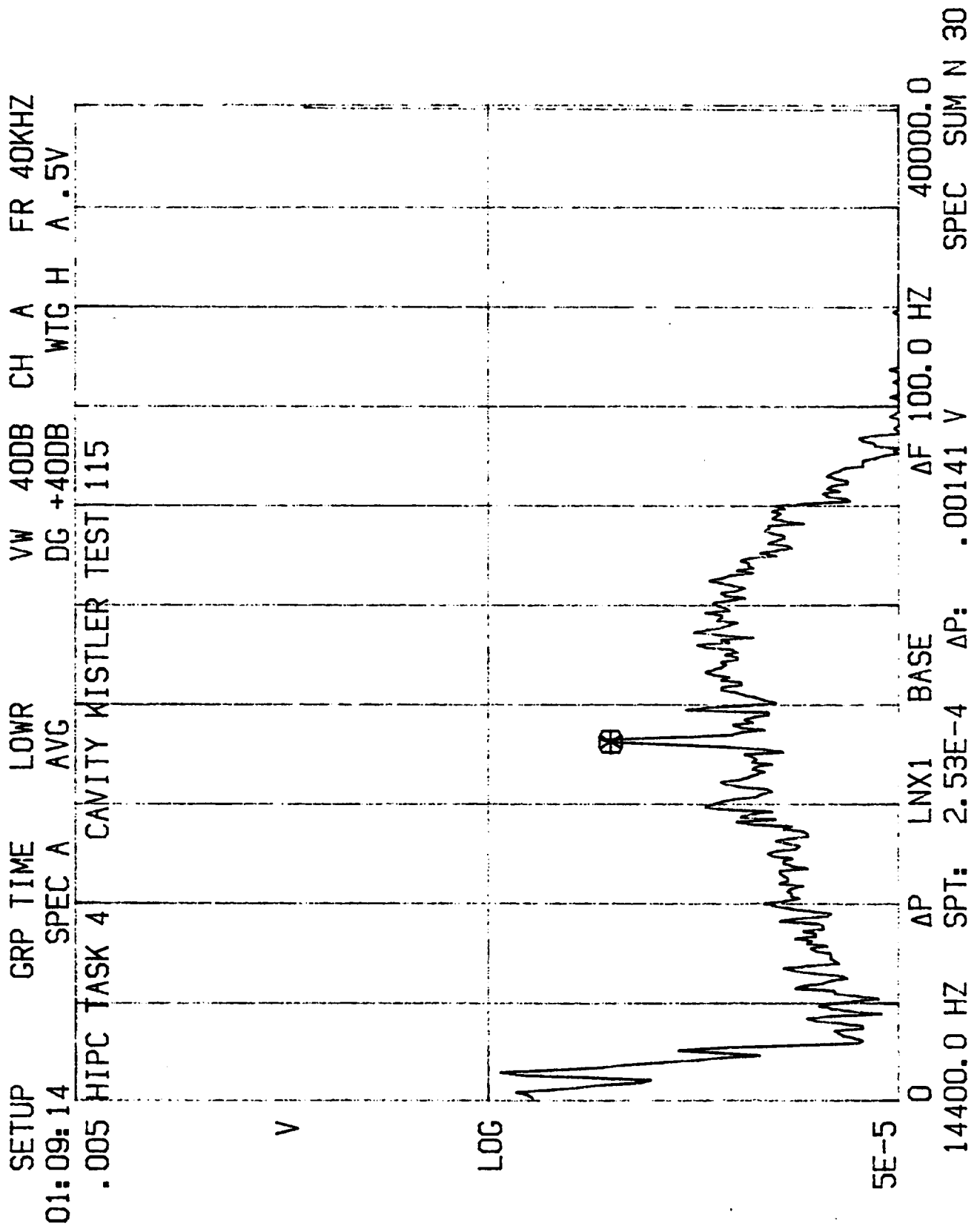
SETUP 01:02:35 GRP TIME SPEC A LOWR VW 40DB CH A FR 40KHZ
 .005 HIPC TASK 4 CAVITY KISTLER TEST 112 DG +40DB WTC H A .5V

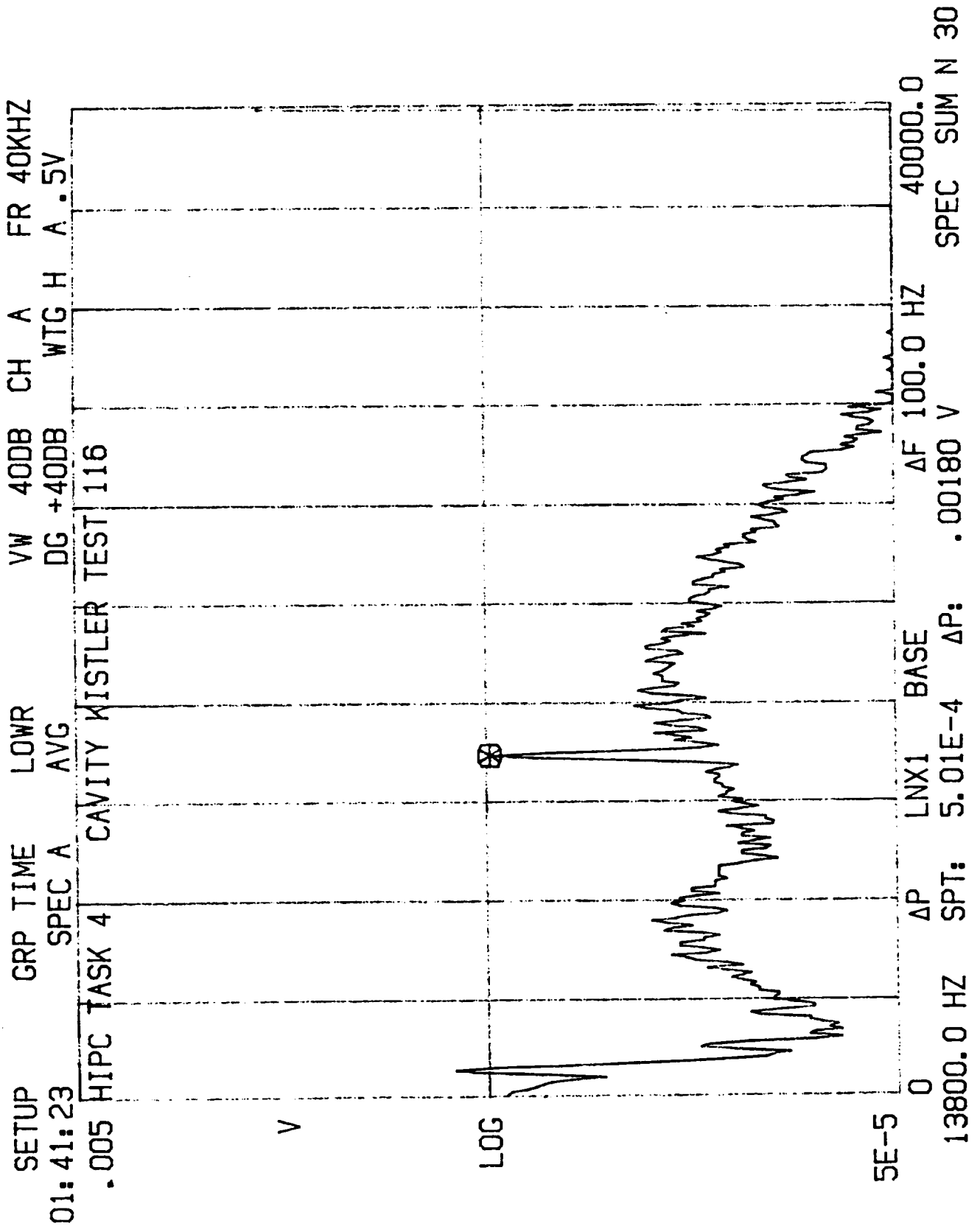


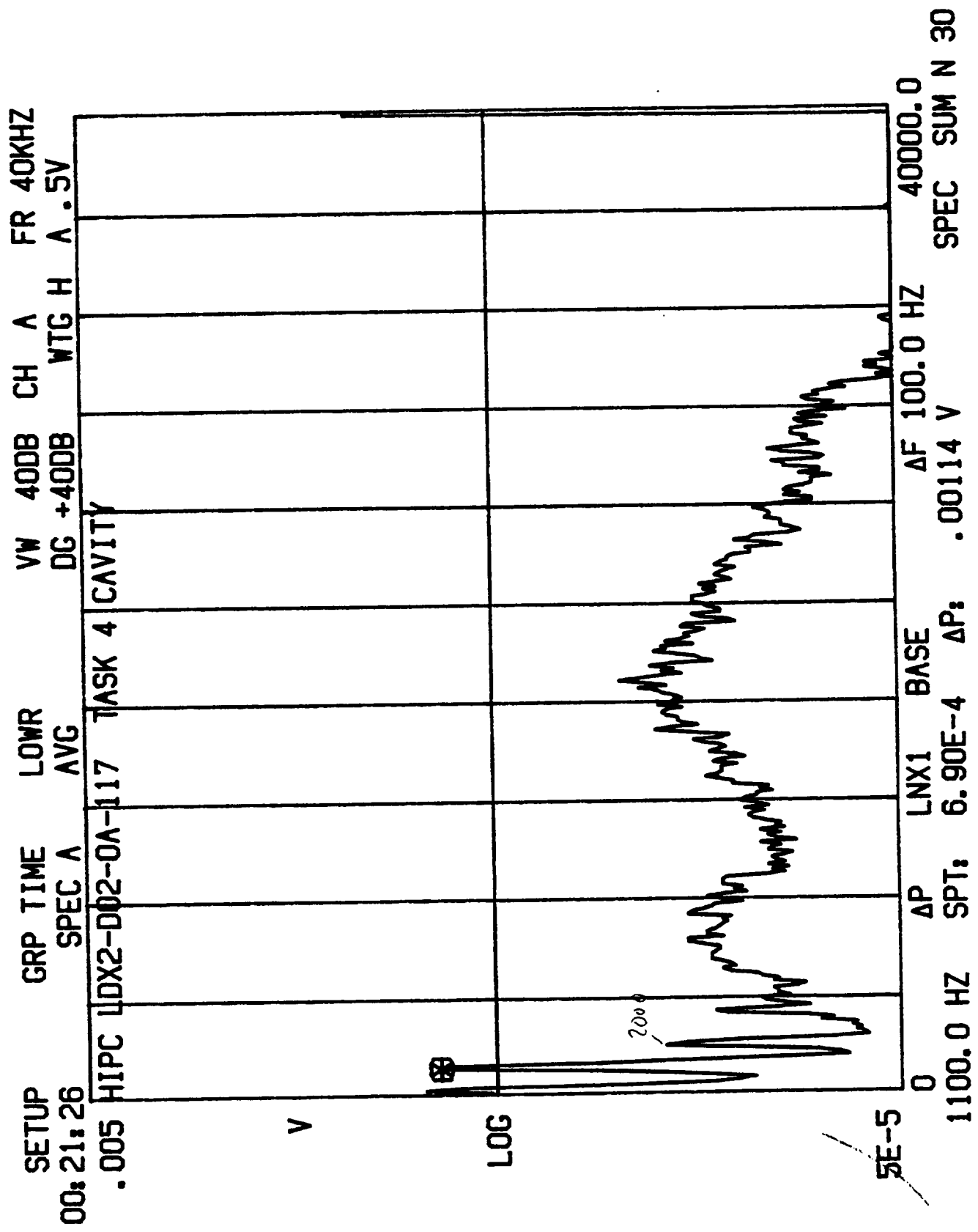
SE-5 0 ΔP LN1 BASE ΔF 100.0 HZ 40000.0
 13800.0 HZ SPT: 5.80E-4 ΔP: .00204 V SPEC SUM N 30

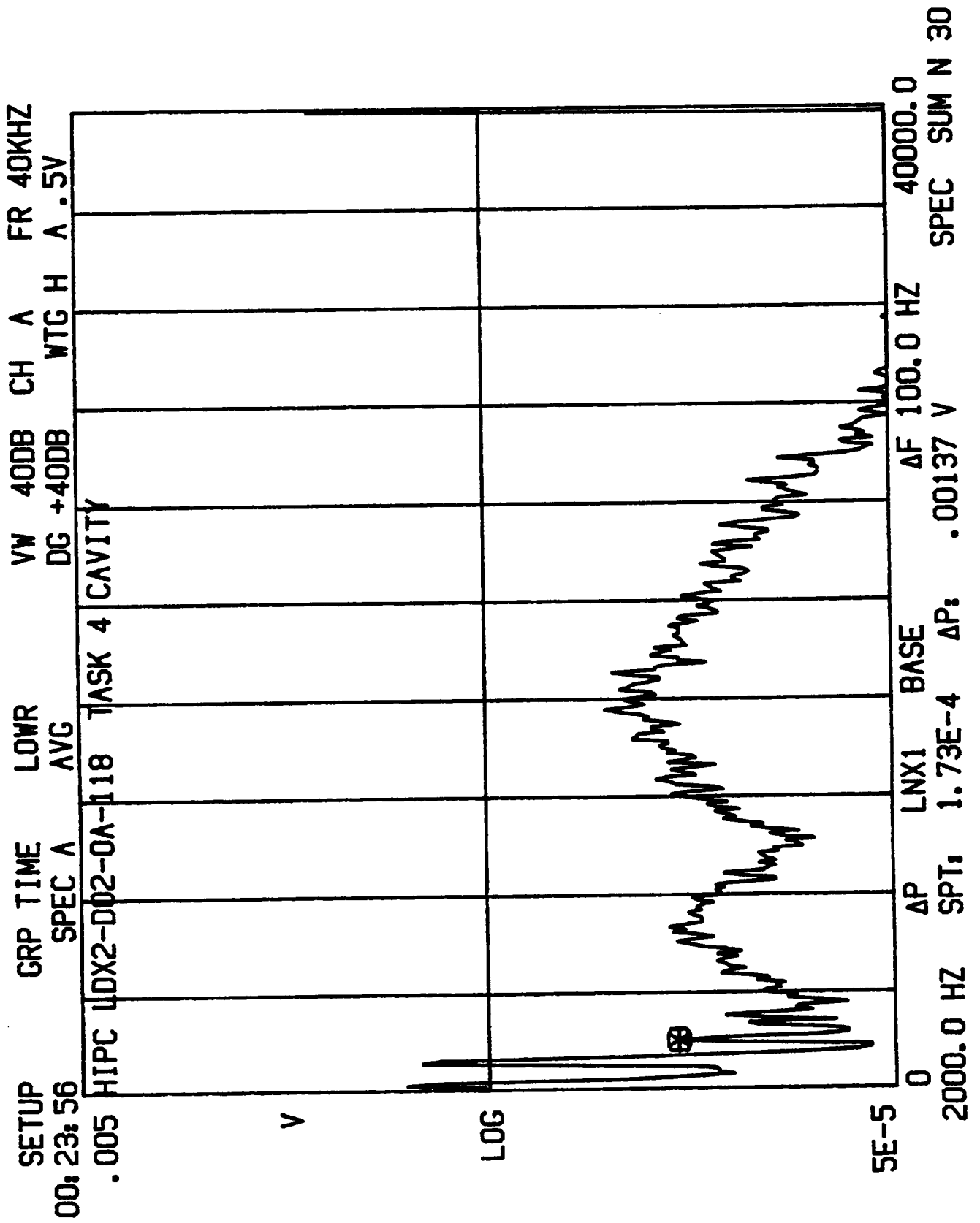


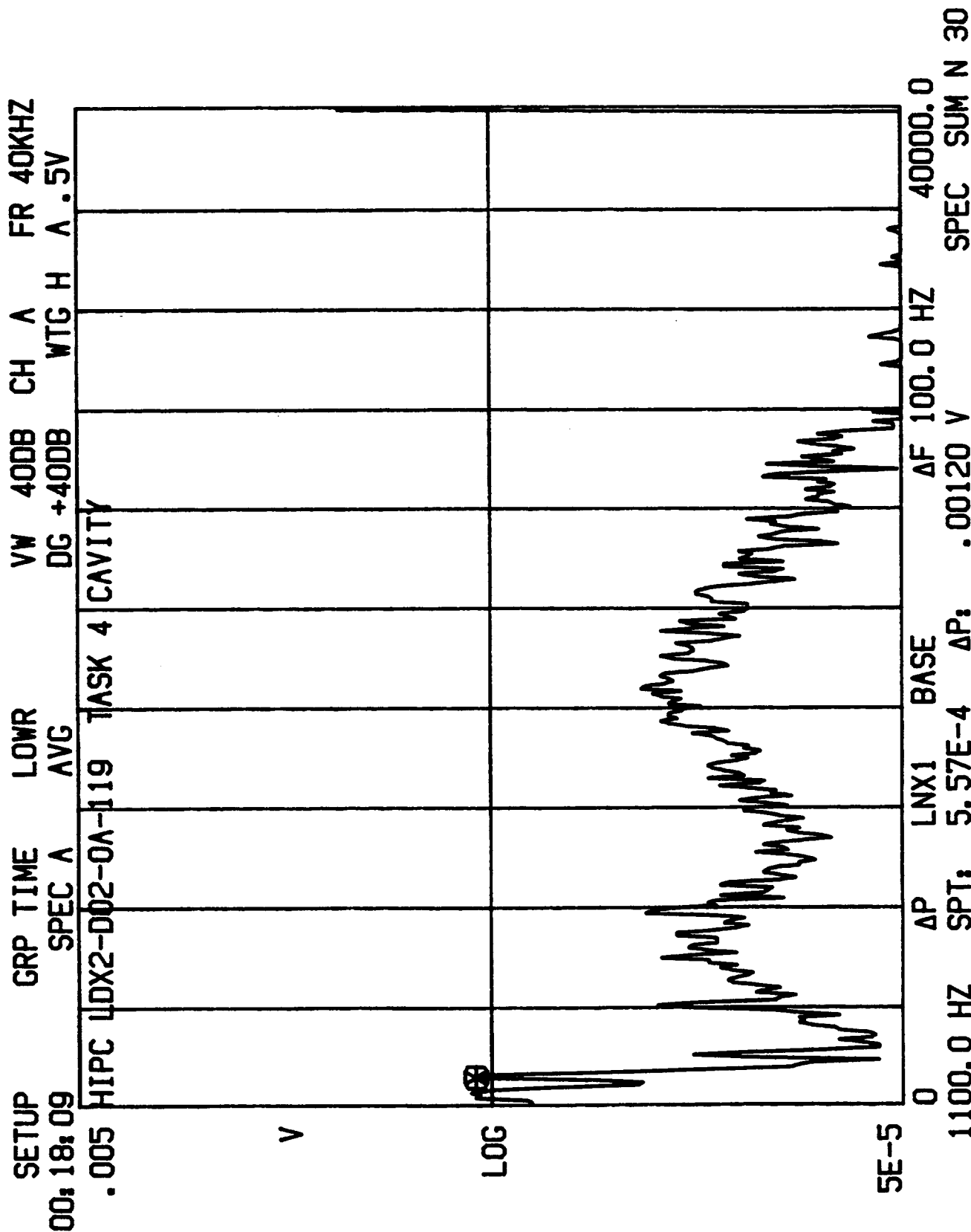




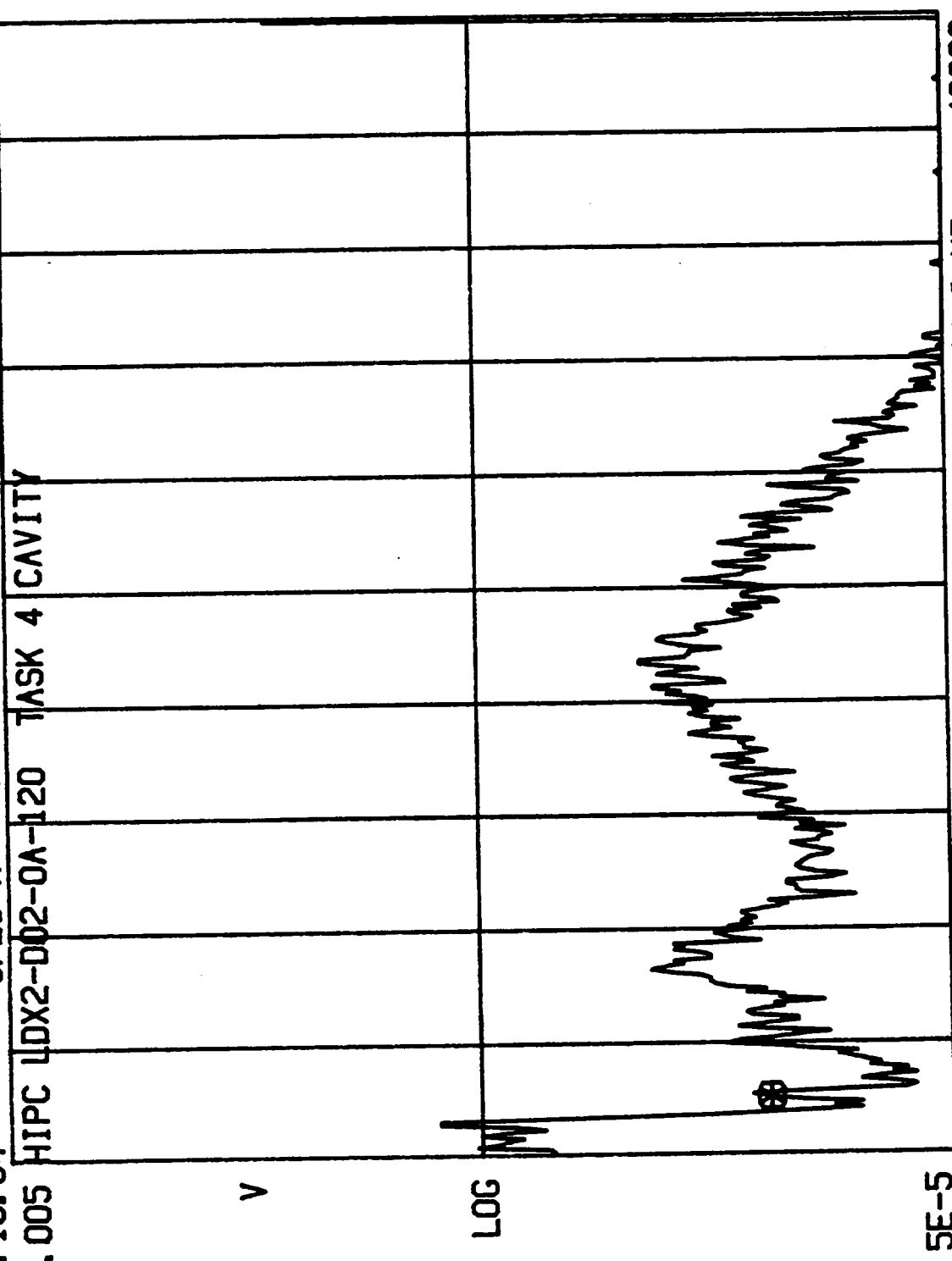


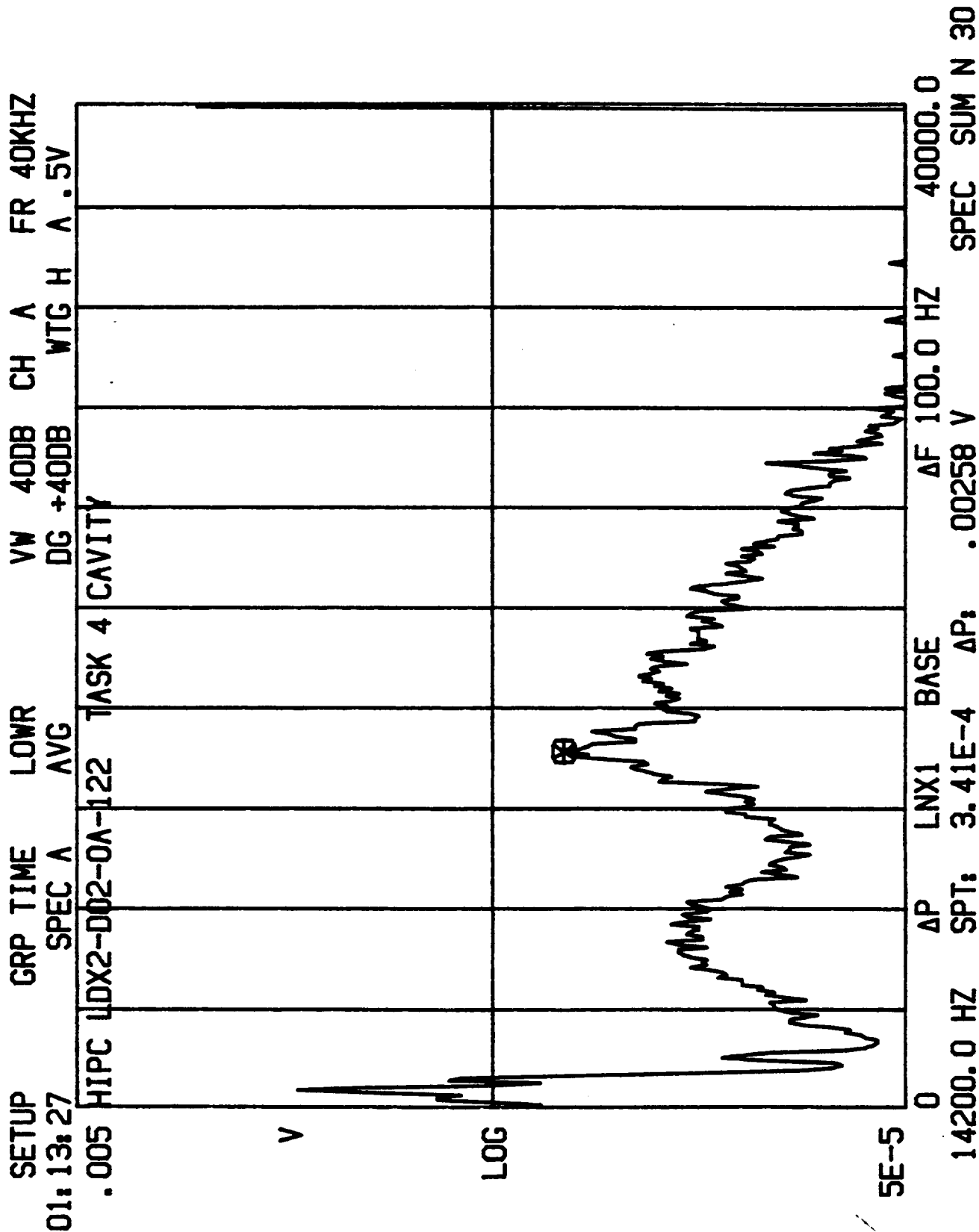


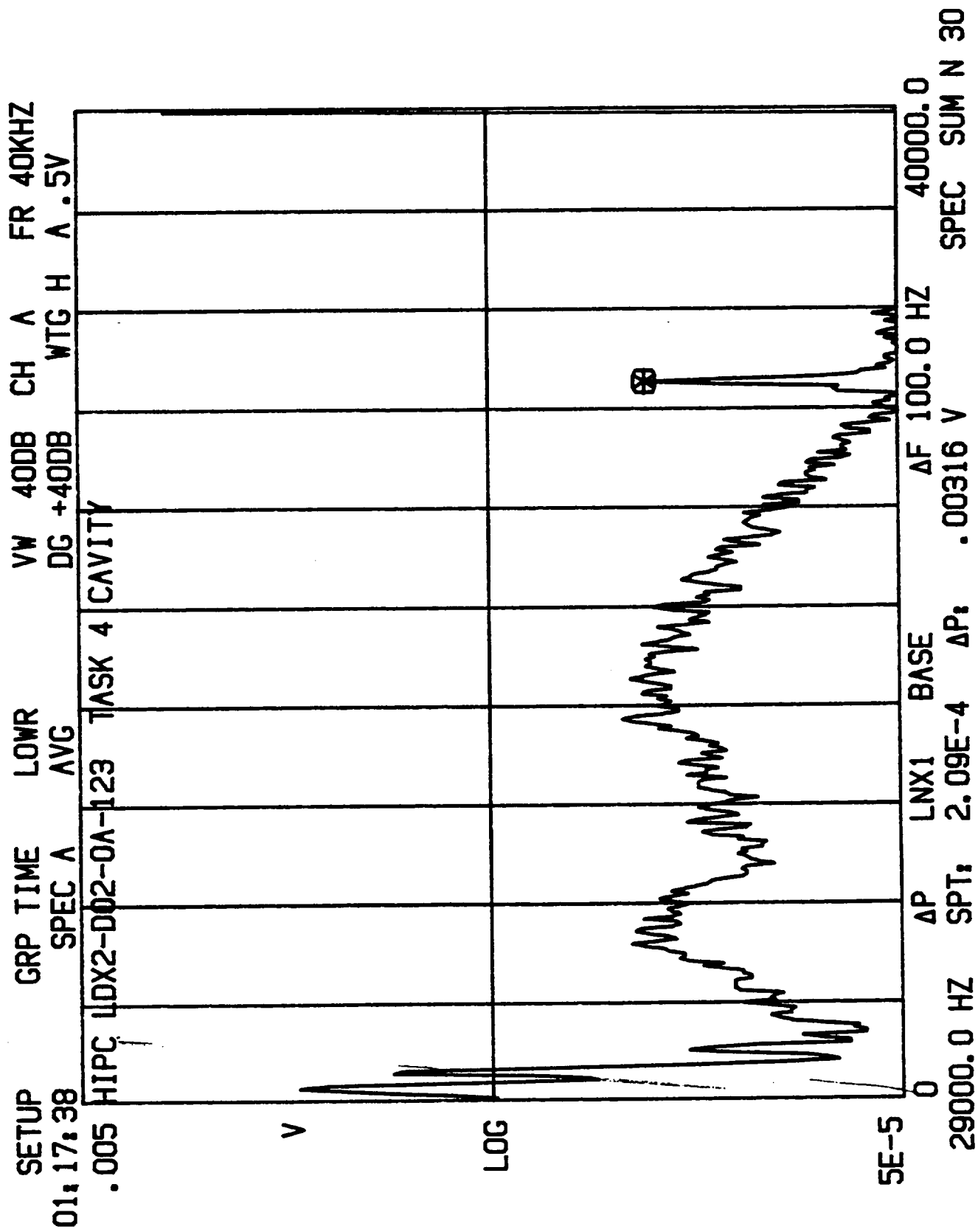


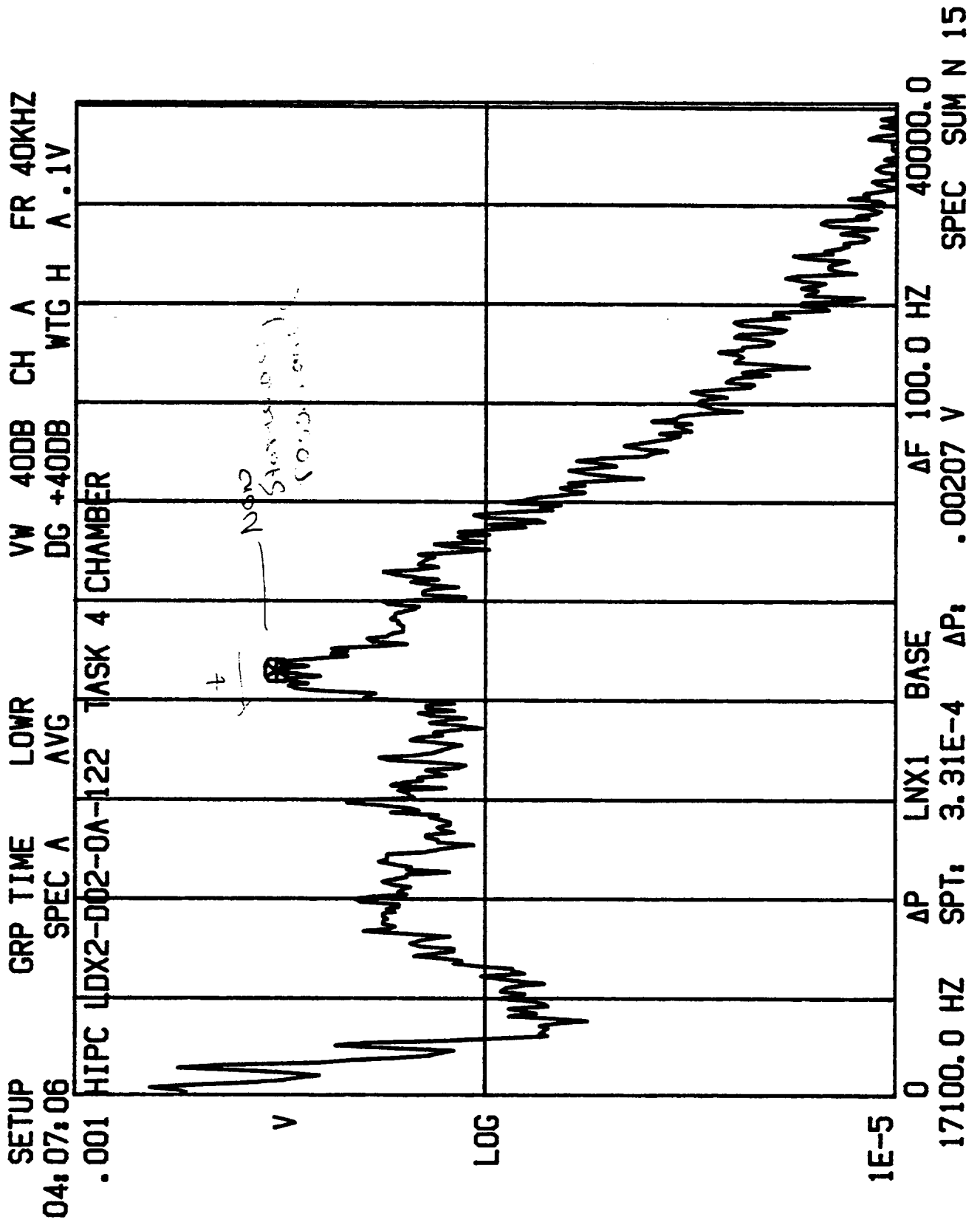


SETUP 01:10:34
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 GRP TIME SPEC A
 LOWR AVG
 VW 40DB CH A
 DG +40DB WTG H A .5V
 FR 40KHZ

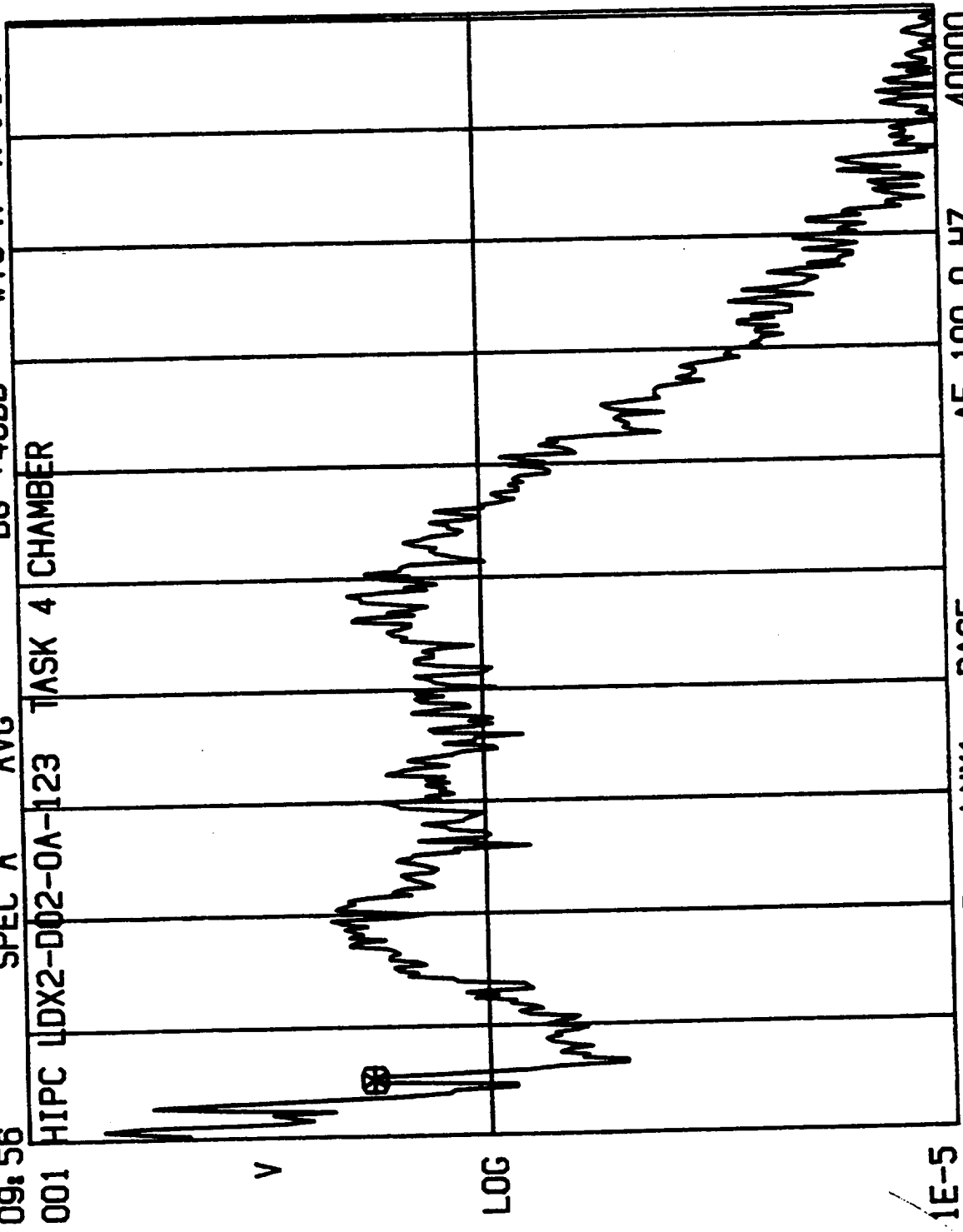






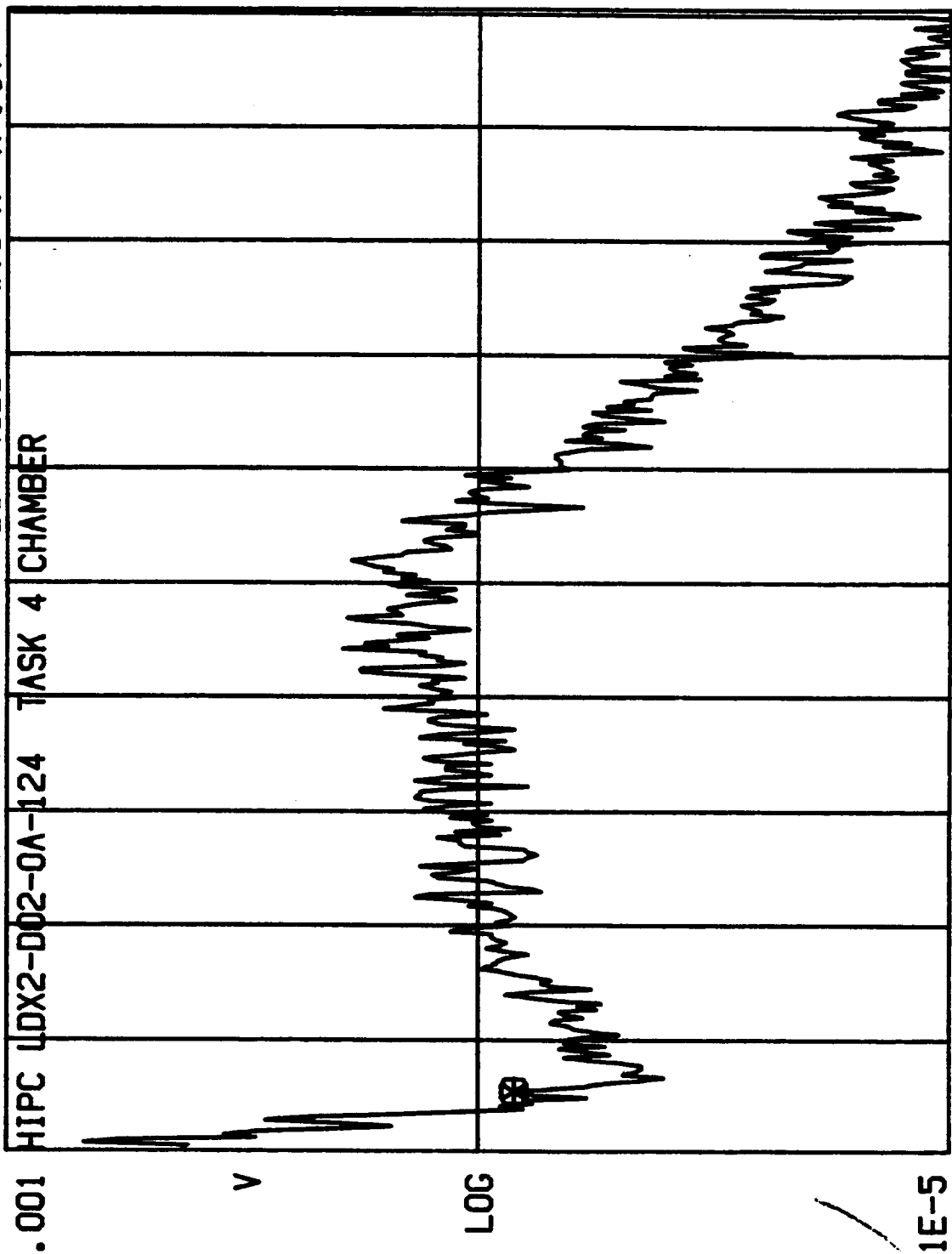


SETUP 04:09:56
 .001 HIPC LDX2-D02-0A-123 TASK 4 CHAMBER
 GRP TIME SPEC A LOWR VW 40DB CH A FR 40KHZ
 DC +40DB WTC H A .1V



0 2000.0 HZ
 40000.0 HZ
 100.0 V
 1.82E-4
 .00129 V
 SPEC SUM N 15

SETUP 04:12:10 .001 HIPC UDX2-D02-0A-124 TASK 4 CHAMBER
 GRP TIME SPEC A LOWR AVG VW 40DB CH A FR 40KHZ
 DG +40DB WTC H A .1V



0 2100.0 HZ ΔP LN1 BASE ΔF 100.0 HZ 40000.0
 SPT: 8.68E-5 AP: .00111 V SPEC SUM N 15

APPENDIX D

THERMAL ANALYSIS SUPPORTING DATA

Table D-1 summarizes the inputs to the chamber heat transfer calculations for predicting local heat flux. These are calculated at the same chamber locations at which the test thermocouple measurements are made. The ratio of predicted to measured h_g is shown in Figure D-1.

The thermal model used to fit the transient thermal data is listed in Table D-2. If the input parameters are chosen to meet the stability criteria shown in the box at the top of the page, a non-iterative, explicit time-wise calculation of temperature across the rhenium chamber can be made. Radiation at the outer wall is treated as a fictitious gas side convection. The temperature-dependent properties of the rhenium used in the calculation are shown in Figure D-2. The model runs on a Pc, in Quattro. A significant limitation is a tendency to require small time increments to meet the stability criteria.

The model was used to determine outer wall surface emissivity at the thermocouple locations by matching the post-test chamber cooling curves. Figures illustrate the process for thermocouple #1, using data from Test -115. Figures D-3 and D-4 show the lack of fit to the data for emissivities of 0.42 (wrought rhenium) and 0.95, respectively. The best fit, $\epsilon = 0.8$, is shown in Figure D-5. Figures D-6 through D-10 show the corresponding fits to the data for TC-2 through TC-6.

The model fitting of the hot fire data for the chamber thermocouples is shown in Figures D-11 through D-42.

HIPC375
10-21-94

Table D-1. Thermal Properties for Heat Transfer

TEST	Pc PSIA	MR	Ta of	LOCATION	D IN	G=m/A m=rho*v*A rho*v LBM/FT^2-S	VISCOSITY u lb-sec/ft2	PRANDTL N Pr	THERMAL CONDUCTIVITY K' LBF/SEC-OF	Cp BTU/LBM-OF	REYNOLD'S No. Re dt=Gd/u	EXPTL MEASURE hg BTU/IN^2- SEC-OF
113	250	0.725	4311	CHAMBER[TC1]	1.533	23.420	1.856E-06	0.510	0.0461	0.582	19,800	0.00100
113	250	0.725	4311	CHAMBER[TC2]	1.533	23.420	1.856E-06	0.510	0.0461	0.582	19,800	0.00083
113	250	0.725	4311	CHAMBER[TC3]	1.061	48.824	1.856E-06	0.510	0.0461	0.582	40,000	
113	250	0.725	4311	CHAMBER[TC4]	0.828	80.288	1.856E-06	0.510	0.0461	0.582	65,000	0.00083
113	250	0.725	3811	THROAT[TC5]	0.521	202.637	1.459E-06	0.532	0.0418	0.582	187,000	0.00098
113	250	0.725	2908	NOZZLE[TC6]	0.640	134.371	1.241E-06	0.514	0.0339	0.558	146,000	0.00050
114	250	0.825	4573	CHAMBER[TC1]	1.533	23.420	1.674E-06	0.530	0.0452	0.580	19,800	0.00080
114	250	0.825	4573	CHAMBER[TC2]	1.533	23.420	1.674E-06	0.530	0.0452	0.580	19,800	0.00080
114	250	0.825	4573	CHAMBER[TC3]	1.061	48.824	1.674E-06	0.530	0.0452	0.580	39,000	0.00085
114	250	0.825	4573	CHAMBER[TC4]	0.828	80.288	1.674E-06	0.530	0.0452	0.580	65,000	0.00070
114	250	0.825	4108	THROAT[TC5]	0.521	202.637	1.541E-06	0.539	0.0414	0.572	177,000	0.00080
114	250	0.825	3203	NOZZLE[TC6]	0.640	134.371	1.324E-06	0.534	0.0341	0.550	137,000	0.00050
115	250	0.875	4686	CHAMBER[TC1]	1.533	23.420	1.686E-06	0.540	0.0447	0.574	19,800	0.00080
115	250	0.875	4686	CHAMBER[TC2]	1.533	23.420	1.686E-06	0.540	0.0447	0.574	19,800	0.00085
115	250	0.875	4686	CHAMBER[TC3]	1.061	48.824	1.686E-06	0.540	0.0447	0.574	39,000	0.00085
115	250	0.875	4686	CHAMBER[TC4]	0.828	80.288	1.686E-06	0.540	0.0447	0.574	64,000	0.00065
115	250	0.875	4239	THROAT[TC5]	0.521	202.637	1.577E-06	0.545	0.0412	0.566	173,000	0.00090
115	250	0.875	3342	NOZZLE[TC6]	0.640	134.371	1.363E-06	0.545	0.0342	0.546	133,000	0.00060
116	250	0.850	4631	CHAMBER[TC1]	1.533	23.420	1.680E-06	0.535	0.0449	0.577	19,800	0.00080
116	250	0.850	4631	CHAMBER[TC2]	1.533	23.420	1.680E-06	0.535	0.0449	0.577	19,800	0.00085
116	250	0.850	4631	CHAMBER[TC3]	1.061	48.824	1.680E-06	0.535	0.0449	0.577	39,000	0.00080
116	250	0.850	4631	CHAMBER[TC4]	0.828	80.288	1.680E-06	0.535	0.0449	0.577	64,000	0.00080
116	250	0.850	4175	THROAT[TC5]	0.521	202.637	1.558E-06	0.542	0.0413	0.569	175,000	0.00085
116	250	0.850	3273	NOZZLE[TC6]	0.640	134.371	1.344E-06	0.540	0.0342	0.548	135,000	0.00080
117	100	0.700	4227	CHAMBER[TC1]	1.633	20.634	1.554E-06	0.505	0.0421	0.585	29,000	
117	100	0.700	4227	CHAMBER[TC2]	1.435	26.707	1.554E-06	0.505	0.0421	0.585	37,000	
117	100	0.700	4227	CHAMBER[TC3]	1.285	33.306	1.554E-06	0.505	0.0421	0.585	46,000	
117	100	0.700	4227	CHAMBER[TC4]	1.088	45.590	1.554E-06	0.505	0.0421	0.585	63,000	
117	100	0.700	3736	THROAT[TC5]	0.833	79.289	1.438E-06	0.505	0.0419	0.585	119,000	
117	100	0.700	2807	NOZZLE[TC6]	1.012	53.707	1.212E-06	0.508	0.0337	0.566	96,000	
118	100	0.875	4616	CHAMBER[TC1]	1.633	20.634	1.663E-06	0.539	0.0439	0.573	27,000	0.00100
118	100	0.875	4616	CHAMBER[TC2]	1.435	26.707	1.663E-06	0.539	0.0439	0.573	35,000	0.00120
118	100	0.875	4616	CHAMBER[TC3]	1.435	26.707	1.663E-06	0.539	0.0439	0.573	35,000	
118	100	0.875	4616	CHAMBER[TC4]	1.088	45.590	1.663E-06	0.539	0.0439	0.573	59,000	
118	100	0.875	4206	THROAT[TC5]	0.833	79.289	1.598E-06	0.542	0.0410	0.586	108,000	
118	100	0.875	3339	NOZZLE[TC6]	1.012	53.707	1.362E-06	0.545	0.0342	0.557	85,000	0.00085
119	100	0.975	4780	CHAMBER[TC1]	1.633	20.634	1.710E-06	0.557	0.0437	0.561	26,000	0.00085
119	100	0.975	4780	CHAMBER[TC2]	1.435	26.707	1.710E-06	0.557	0.0437	0.561	34,000	0.00100
119	100	0.975	4780	CHAMBER[TC3]	1.435	26.707	1.710E-06	0.557	0.0437	0.561	34,000	
119	100	0.975	4780	CHAMBER[TC4]	1.088	45.590	1.710E-06	0.557	0.0437	0.561	58,000	
119	100	0.975	4409	THROAT[TC5]	0.833	79.289	1.627E-06	0.562	0.0402	0.555	105,000	
119	100	0.975	3597	NOZZLE[TC6]	1.012	53.707	1.435E-06	0.567	0.0341	0.552	81,000	0.00080
120	100	1.075	4903	CHAMBER[TC1]	1.633	20.634	1.747E-06	0.605	0.0426	0.550	25,000	0.00075
120	100	1.075	4903	CHAMBER[TC2]	1.435	26.707	1.747E-06	0.605	0.0426	0.550	33,000	0.00085
120	100	1.075	4903	CHAMBER[TC3]	1.435	26.707	1.747E-06	0.605	0.0426	0.550	33,000	
120	100	1.075	4903	CHAMBER[TC4]	1.088	45.590	1.747E-06	0.605	0.0426	0.550	56,000	
120	100	1.075	4564	THROAT[TC5]	0.833	79.289	1.672E-06	0.582	0.0392	0.545	102,000	
120	100	1.075	3821	NOZZLE[TC6]	1.012	53.707	1.497E-06	0.590	0.0337	0.547	77,000	0.00070

RATIO OF BARTZ TO MEASURED hg TASK 4.0 TESTBED--ALL DATA

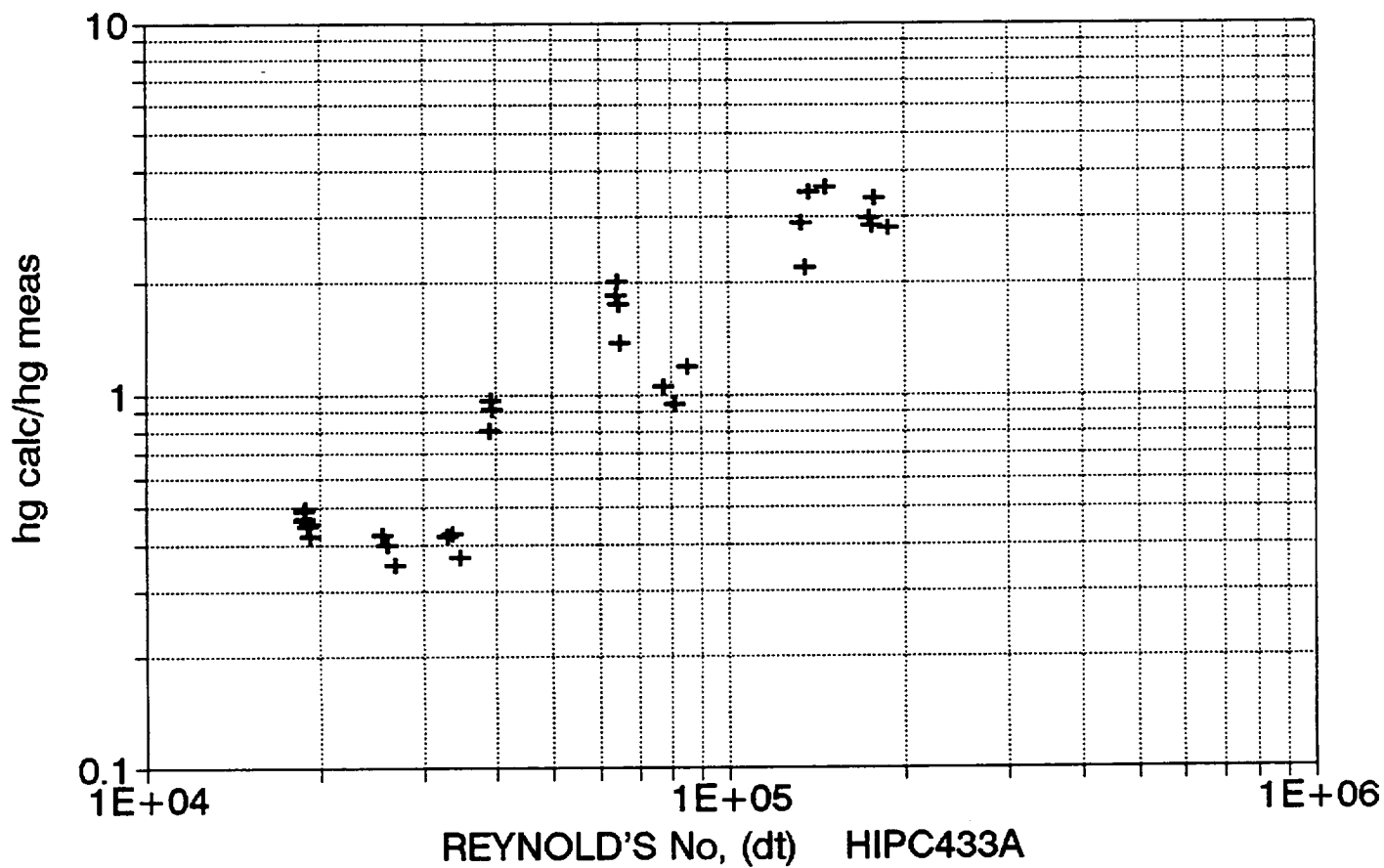


Figure D-1

Table D-2. Transient Thermal Analysis

CHECK STABILITY		Unit margin =	
Fo max =	0.154	<0.257	0.066
(B/Fo)c max =	0.315	<0.507	0.166
M min =	6.485	>5.007	1.485
(B/Fo)c min =	0.306	<0.507	0.162

End point: 16.0 TIME 2868 T6 0.340 qhw qrad

TIME	T6	qhw	qrad
16.0	2868	0.340	0.332

0.004 -DELTA TIME, SEC

COLD WALL

TIME INC. BTU/SEC (IN^2-SEC)

X1 X2 X3 X4 X5

MATERIAL RHENIUM	THERMAL COND. Btu/ft-sec	SPECIFIC HEAT Btu/lbm-R	DENSITY lbm/in3	EMISS. e	THICK IN	STEPS N	INIT. TEMP. OF	RAD. SINK TEMP. OF	HOT GAS TEMP. OF	THICK INCR.	h g	Xo	T4	T5	Tavg (T1+...Tn)/4	q rad	q hw	FICTITIOUS h c'	BI rad hc'Dwks	I(B/Fo) Fo'(2+Bi) rad
LINE No.	TIME SEC	k	Cp	a W/(in-Cp)	Bi c	Fo aD/Dx^2	I(B/Fo) Fo'(2+Bi)	M Dx^2/(a*D)	To BOUND.	T1	T2	T3	T4	T5	Tavg (T1+...Tn)/4	q rad	q hw	h c'	BI rad hc'Dwks	I(B/Fo) Fo'(2+Bi) rad

hg =

0.001

0

0.00100

0.024

0.048

0.072

0.096

0.12

0.144

0.168

0.192

0.216

0.240

0.264

0.288

0.312

0.336

0.360

0.384

0.408

0.432

0.456

0.480

0.504

0.528

0.552

0.576

0.600

0.624

0.648

0.672

0.696

0.720

0.744

0.768

0.792

0.816

0.840

0.864

0.888

0.912

0.936

0.960

0.984

1.008

1.032

1.056

1.080

1.104

1.128

1.152

1.176

1.200

1.224

1.248

1.272

1.296

1.320

1.344

1.368

1.392

1.416

1.440

1.464

1.488

1.512

1.536

1.560

1.584

1.608

1.632

1.656

1.680

1.704

1.728

1.752

1.776

1.800

1.824

1.848

1.872

1.896

1.920

1.944

1.968

1.992

2.016

2.040

2.064

2.088

2.112

2.136

2.160

2.184

2.208

2.232

2.256

2.280

2.304

2.328

2.352

2.376

2.400

2.424

2.448

2.472

2.496

2.520

2.544

2.568

2.592

2.616

2.640

2.664

2.688

2.712

2.736

2.760

2.784

2.808

2.832

2.856

2.880

2.904

2.928

2.952

2.976

3.000

3.024

3.048

3.072

3.096

3.120

3.144

3.168

3.192

3.216

3.240

3.264

3.288

3.312

3.336

3.360

3.384

3.408

3.432

3.456

3.480

3.504

3.528

3.552

3.576

3.600

3.624

3.648

3.672

3.696

3.720

3.744

3.768

3.792

3.816

3.840

3.864

3.888

3.912

3.936

3.960

3.984

4.008

4.032

4.056

4.080

4.104

4.128

4.152

4.176

4.200

4.224

4.248

4.272

4.296

4.320

4.344

4.368

4.392

4.416

4.440

4.464

4.488

4.512

4.536

4.560

4.584

4.608

4.632

4.656

4.680

4.704

4.728

4.752

4.776

4.800

4.824

4.848

4.872

4.896

4.920

4.944

4.968

4.992

5.016

5.040

5.064

5.088

5.112

5.136

5.160

5.184

5.208

5.232

5.256

5.280

5.304

5.328

5.352

5.376

5.400

5.424

5.448

5.472

5.496

5.520

5.544

5.568

5.592

5.616

5.640

5.664

5.688

5.712

5.736

5.760

5.784

5.808

5.832

5.856

5.880

5.904

5.928

5.952

5.976

6.000

6.024

6.048

6.072

6.096

6.120

6.144

6.168

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6.504

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6.744

6.768

6.792

6.816

6.840

6.864

6.888

6.912

6.936

6.960

6.984

7.008

7.032

7.056

7.080

7.104

7.128

7.152

7.176

7.200

7.224

7.248

7.272

7.296

7.320

7.344

7.368

7.392

7.416

7.440

7.464

7.488

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7.560

7.584

7.608

7.632

7.656

7.680

7.704

7.728

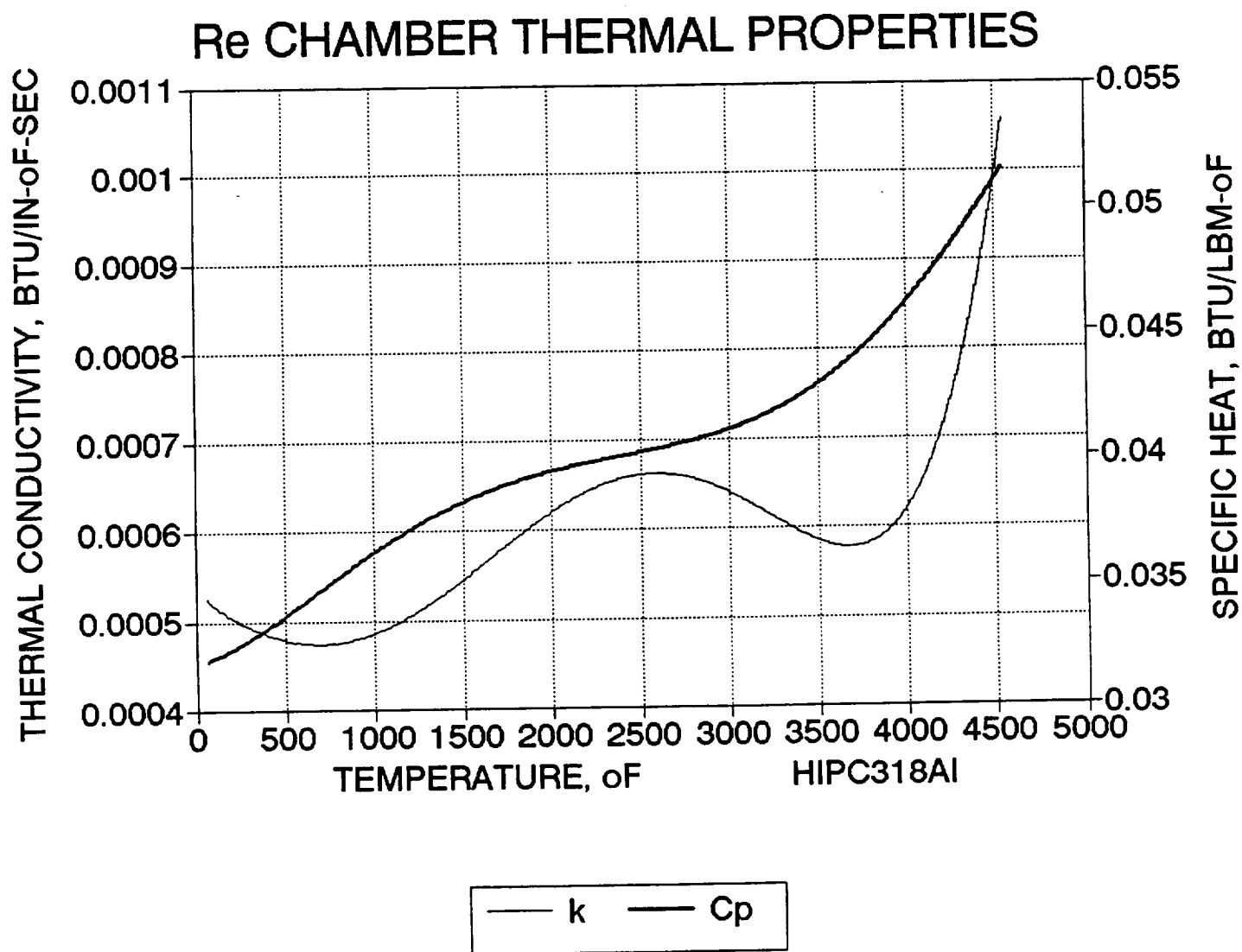


Figure D-2

CHAMBER THERMAL RESPONSE TEST -115 POST COOLING, TC-1, e=0.42

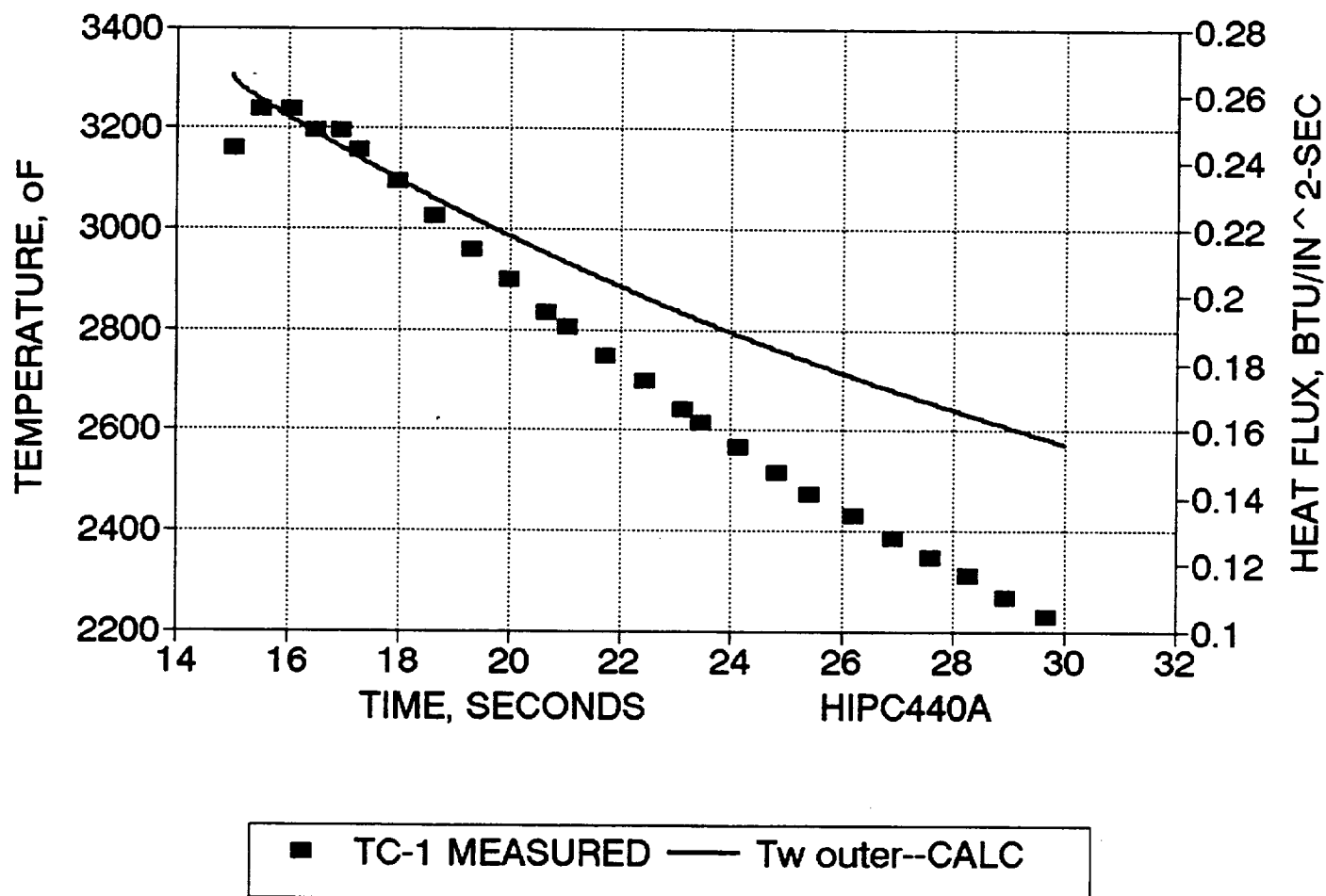


Figure D-3

CHAMBER THERMAL RESPONSE TEST -115 POST COOLING, TC-1, e=0.95

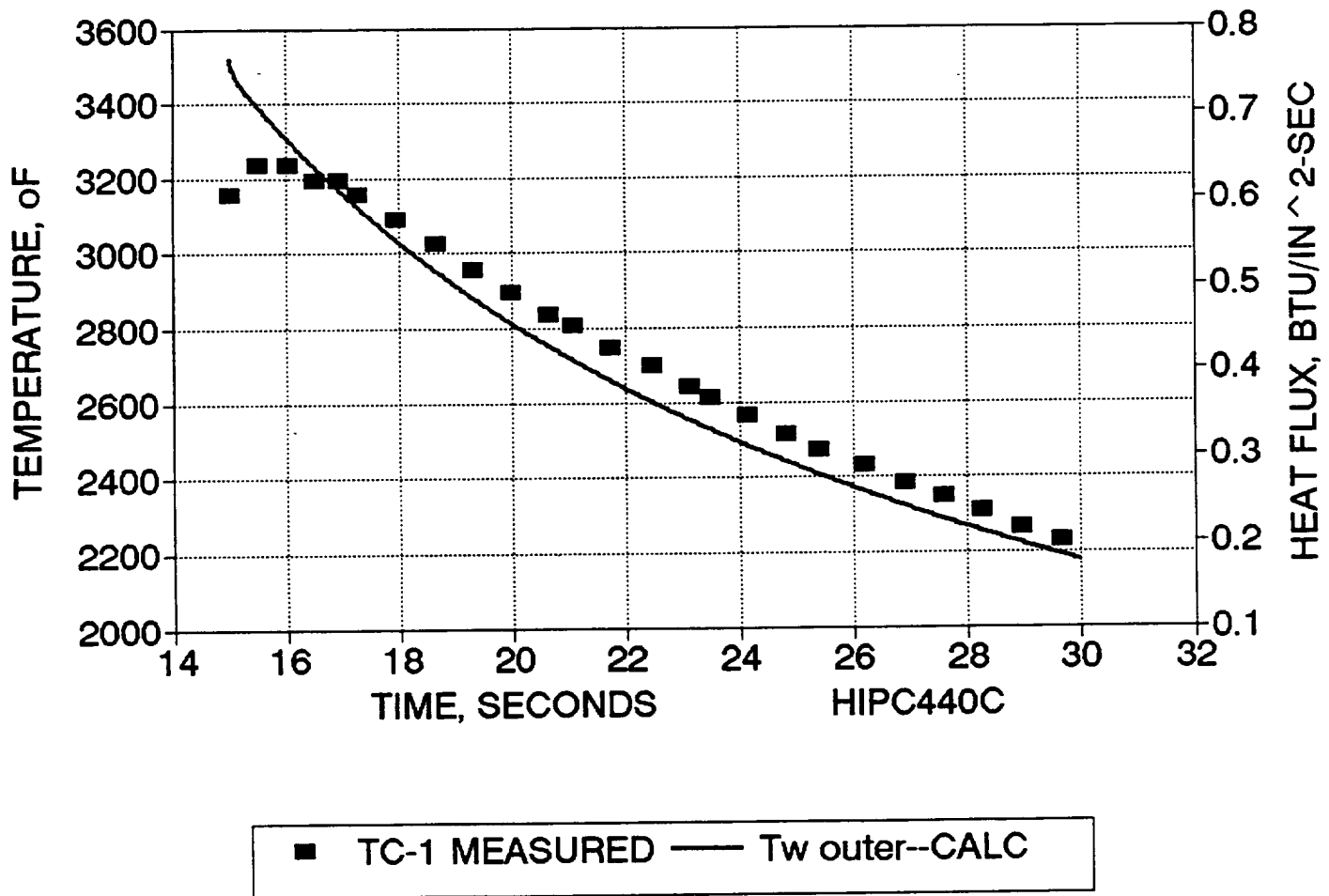


Figure D-4

CHAMBER THERMAL RESPONSE TEST -115 POST COOLING, TC-1, e=0.80

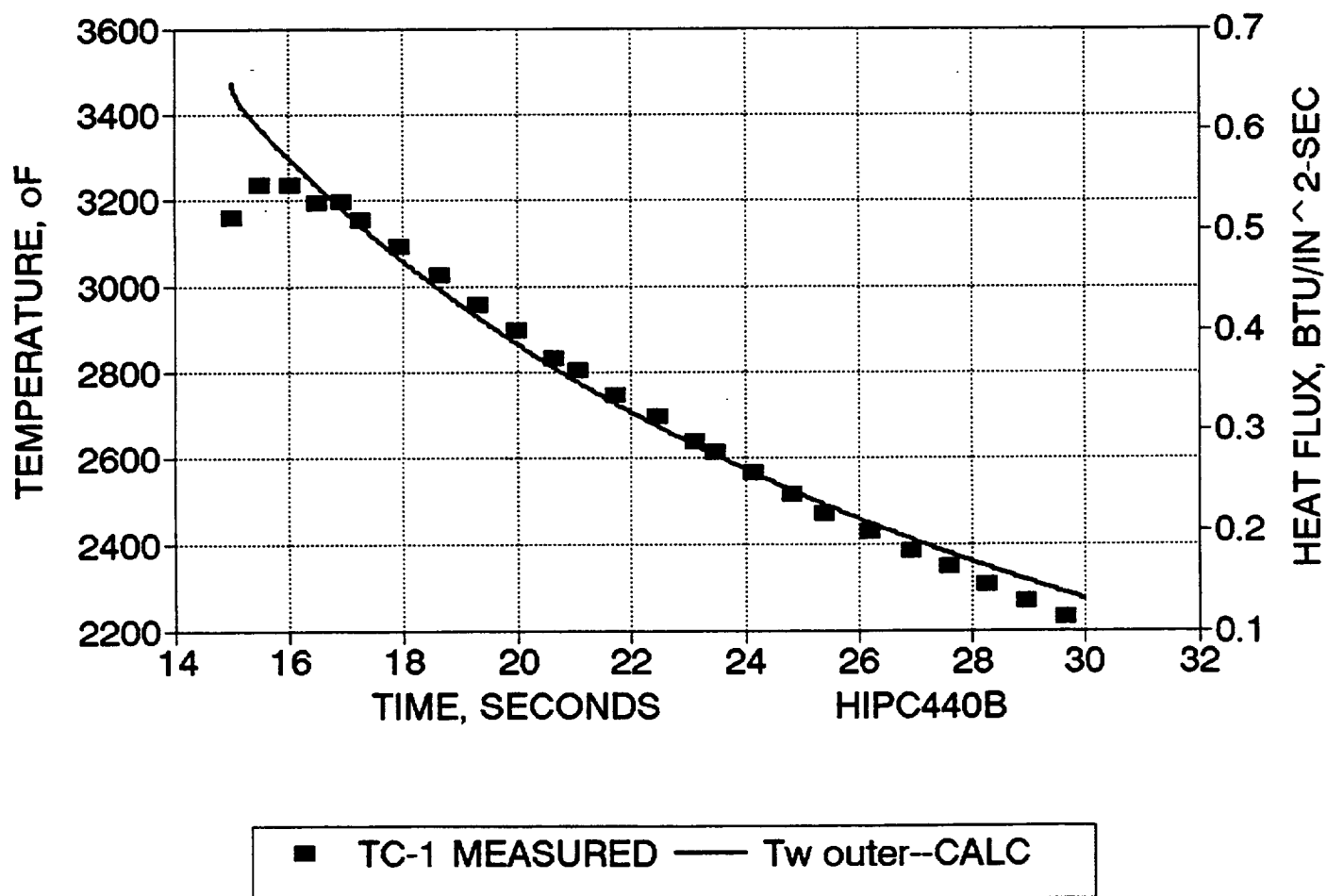


Figure D-5

CHAMBER THERMAL RESPONSE TEST -115 POST COOLING, TC-2, e=0.80

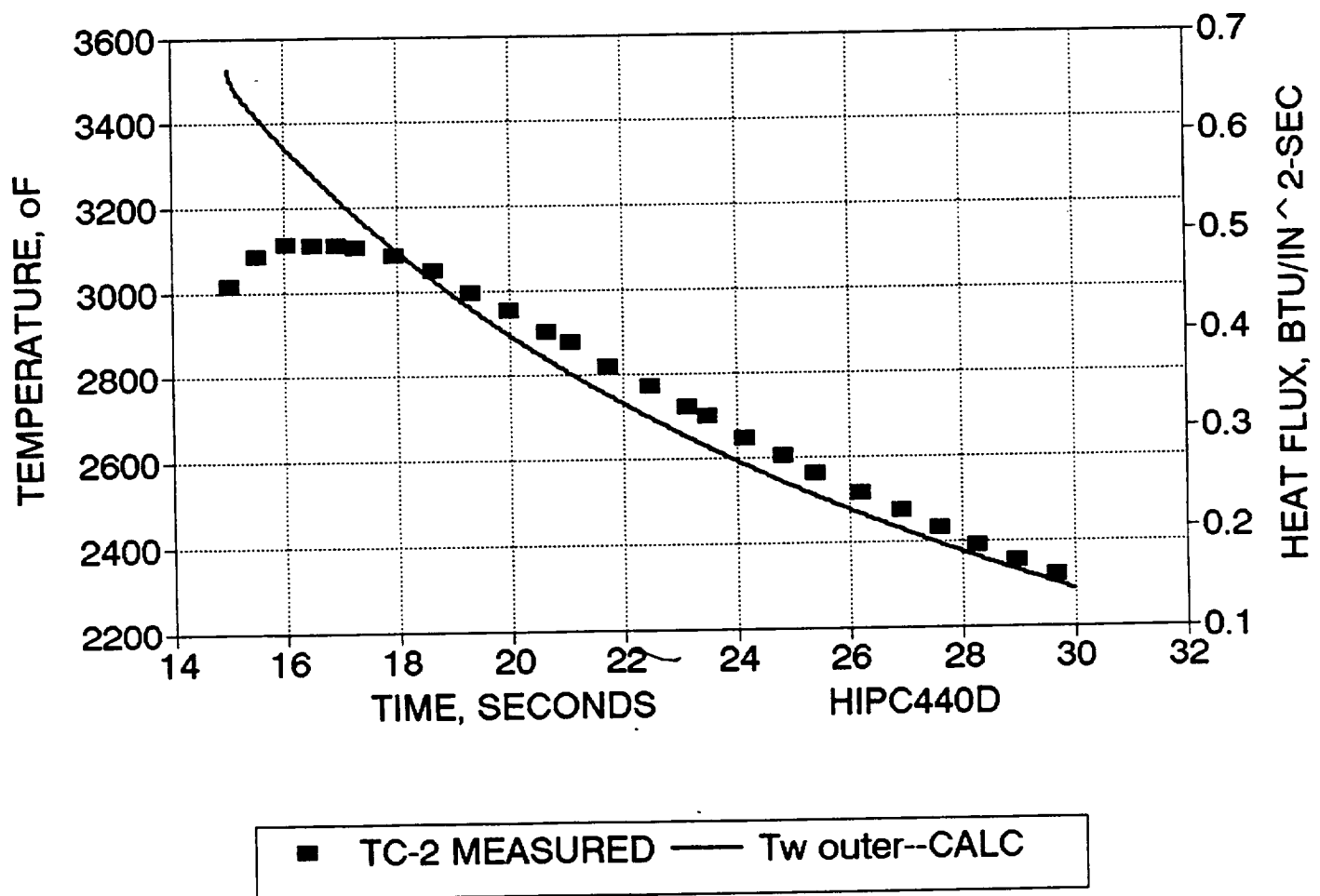


Figure D-6

CHAMBER THERMAL RESPONSE TEST -115 POST COOLING, TC-3, e=0.80

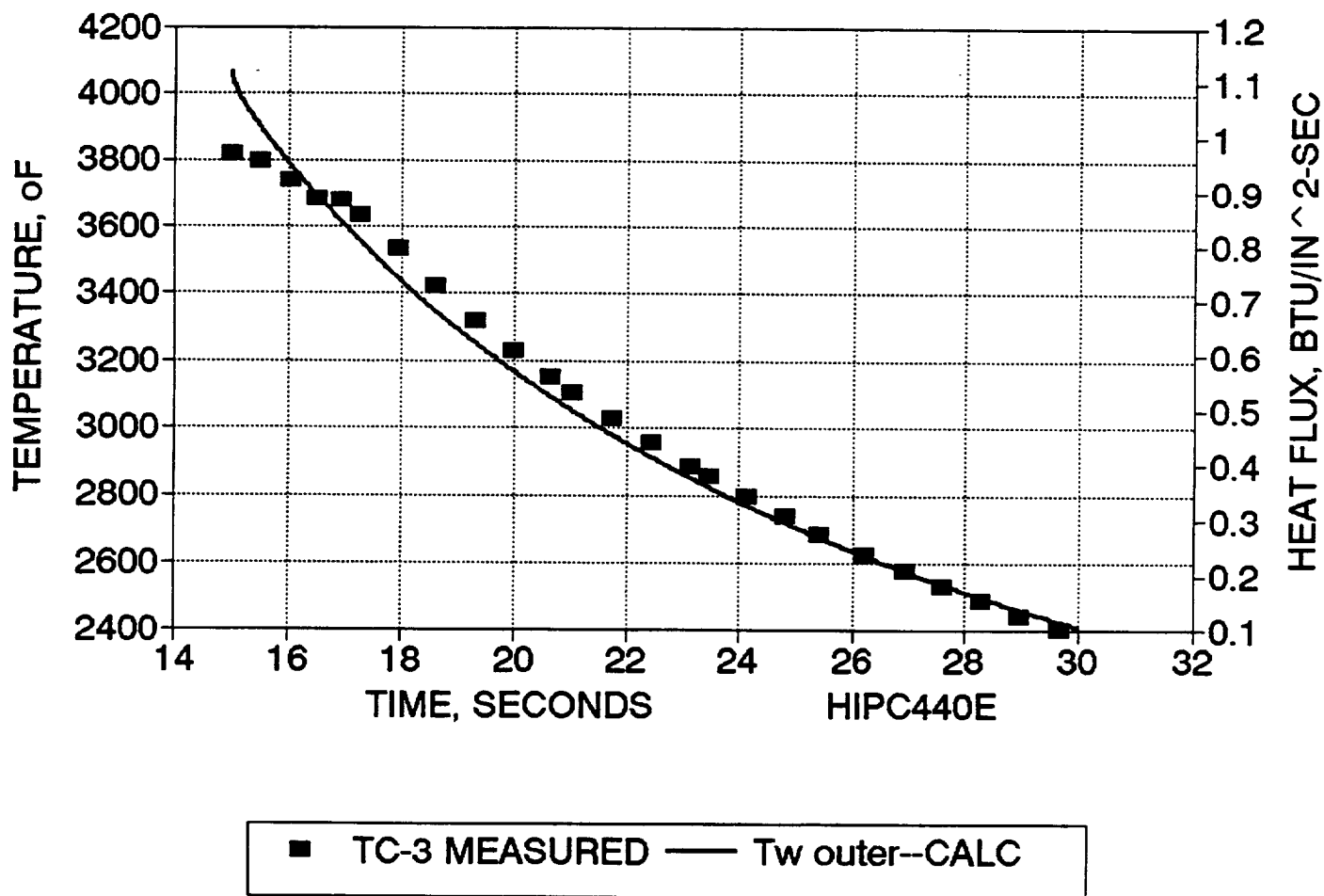


Figure D-7

CHAMBER THERMAL RESPONSE TEST -115 POST COOLING, TC-4, e=0.80

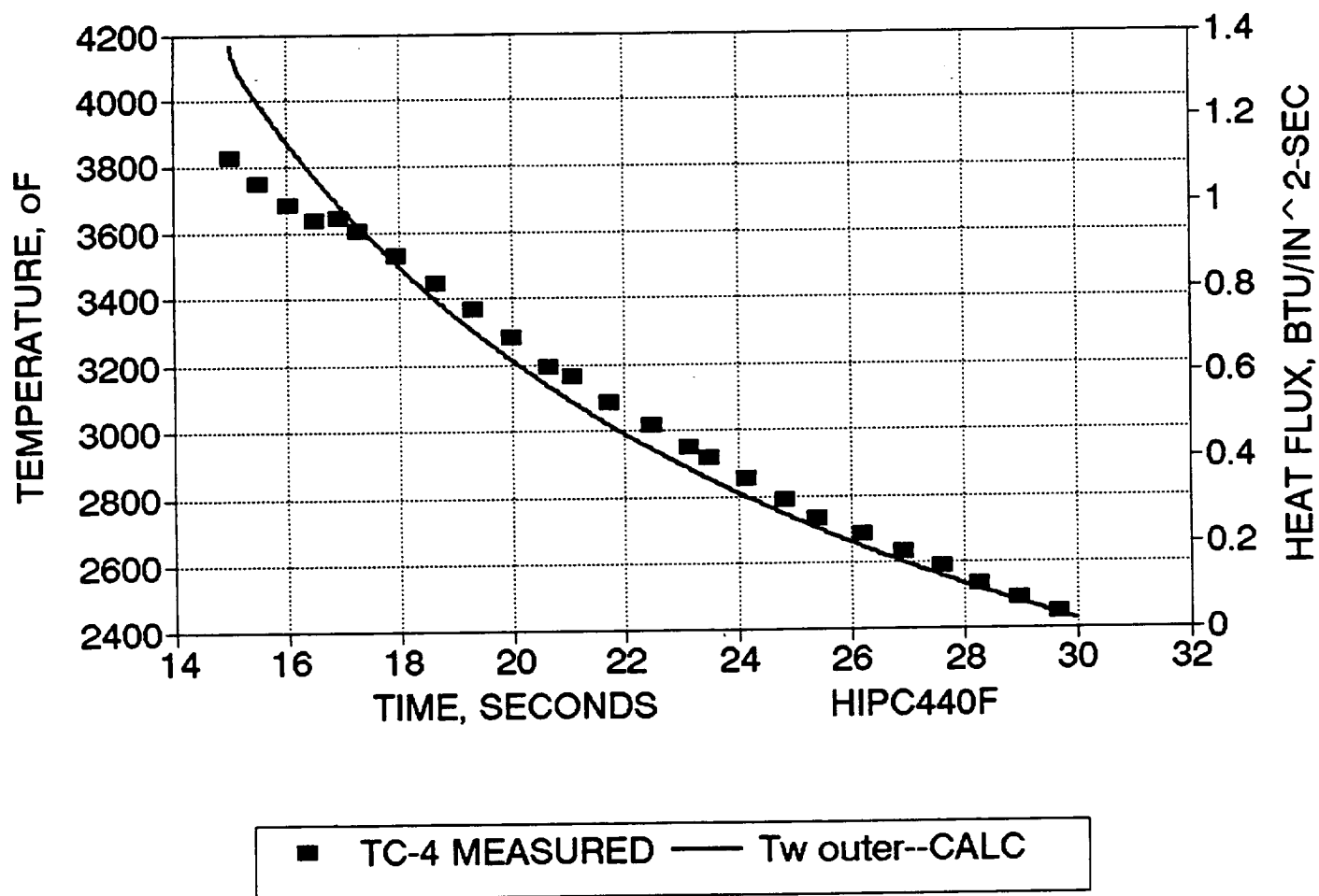


Figure D-8

CHAMBER THERMAL RESPONSE TEST -115 POST COOLING, TC-5, e=0.80

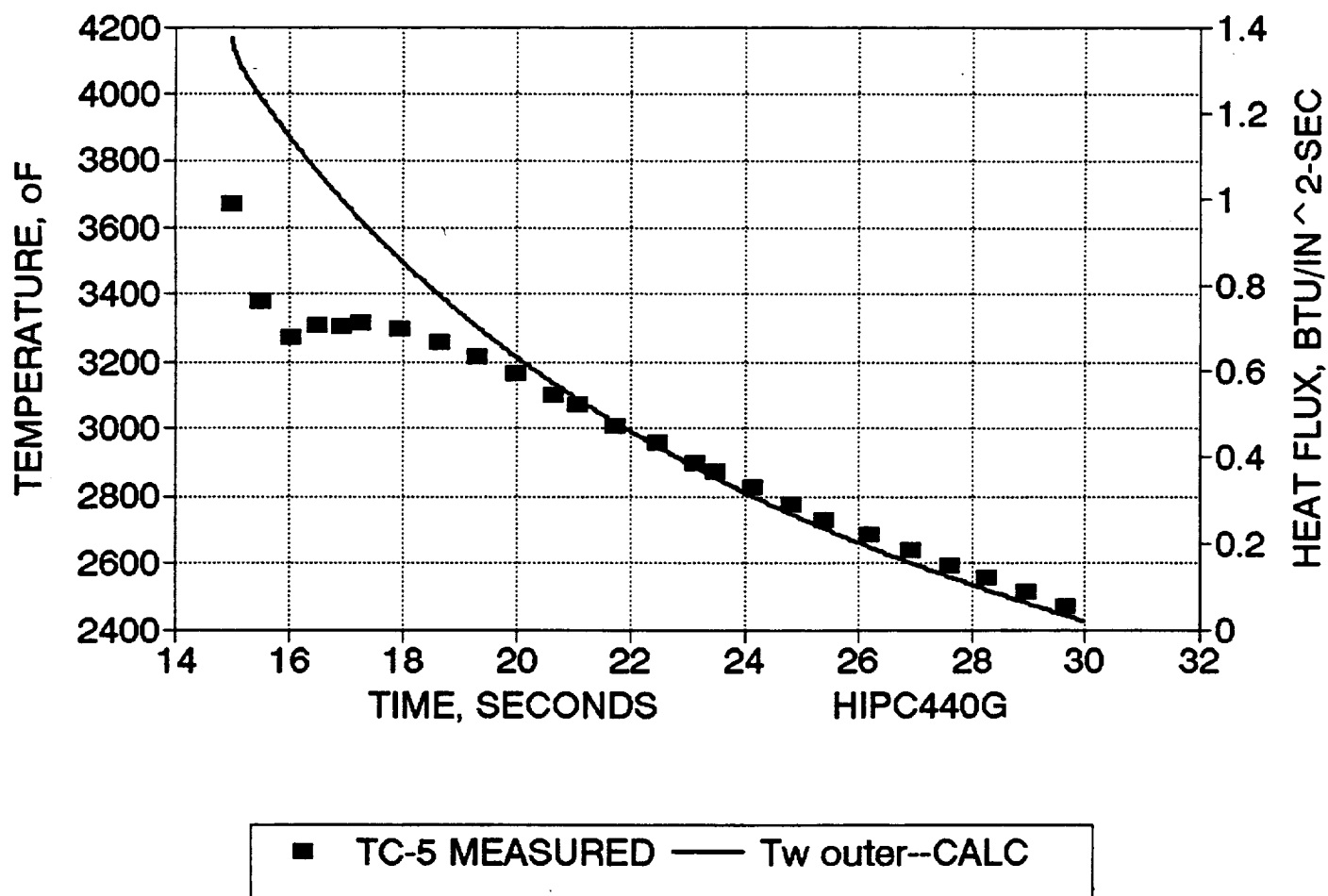


Figure D-9

CHAMBER THERMAL RESPONSE TEST -115 POST COOLING, TC-6, e=0.95

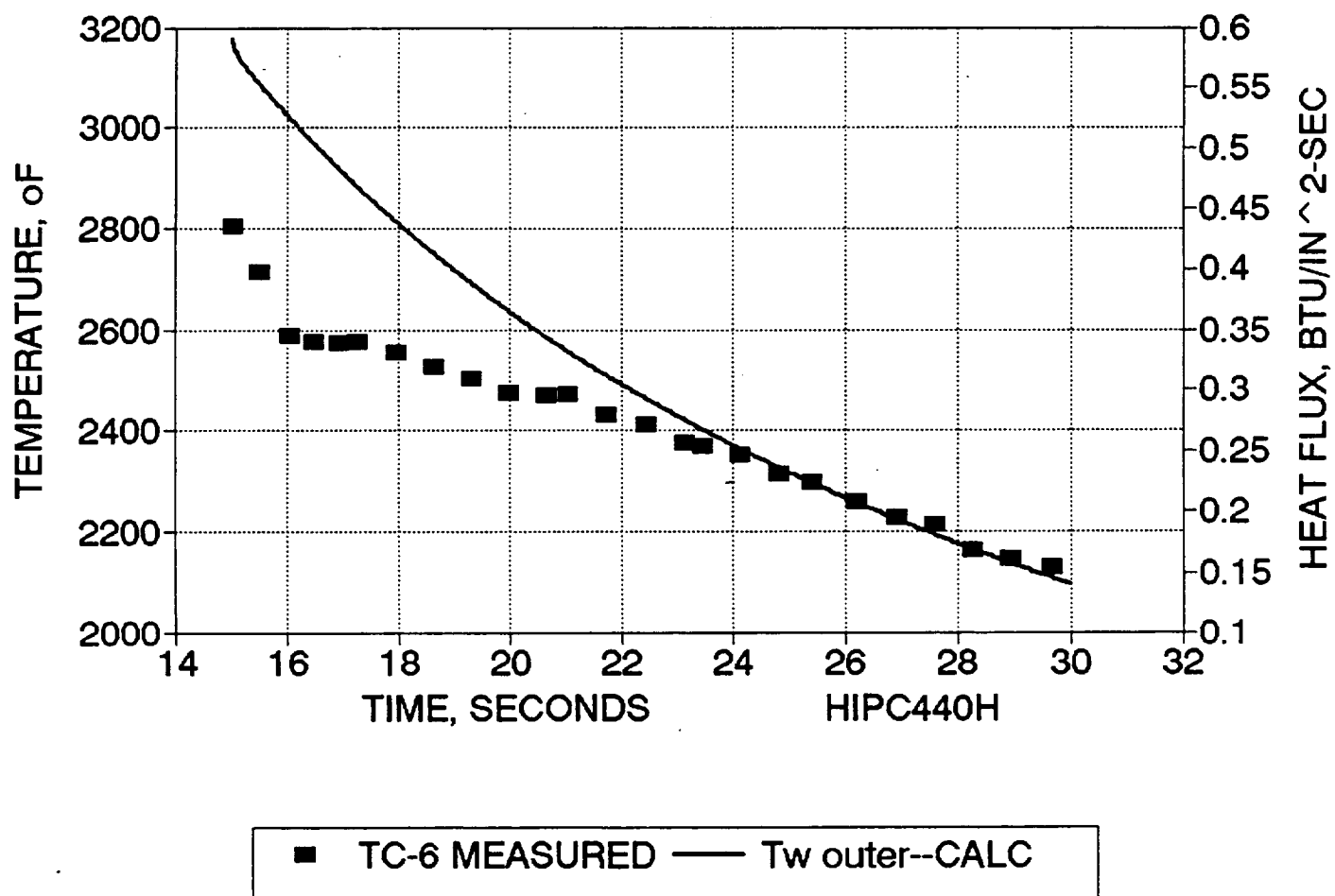


Figure D-10

Chamber Thermal Response $T_r=3300F/$ $hg=0.0010/Pc=242/MR=0.72$

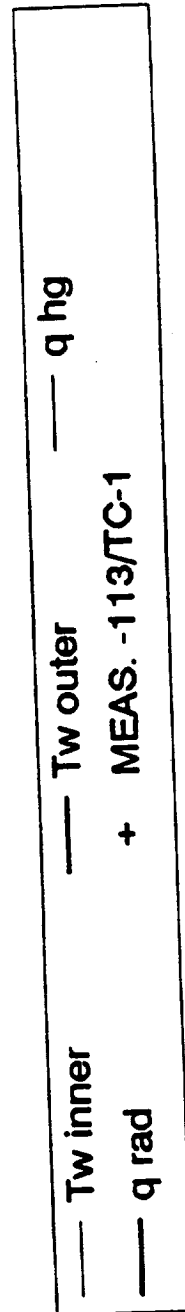
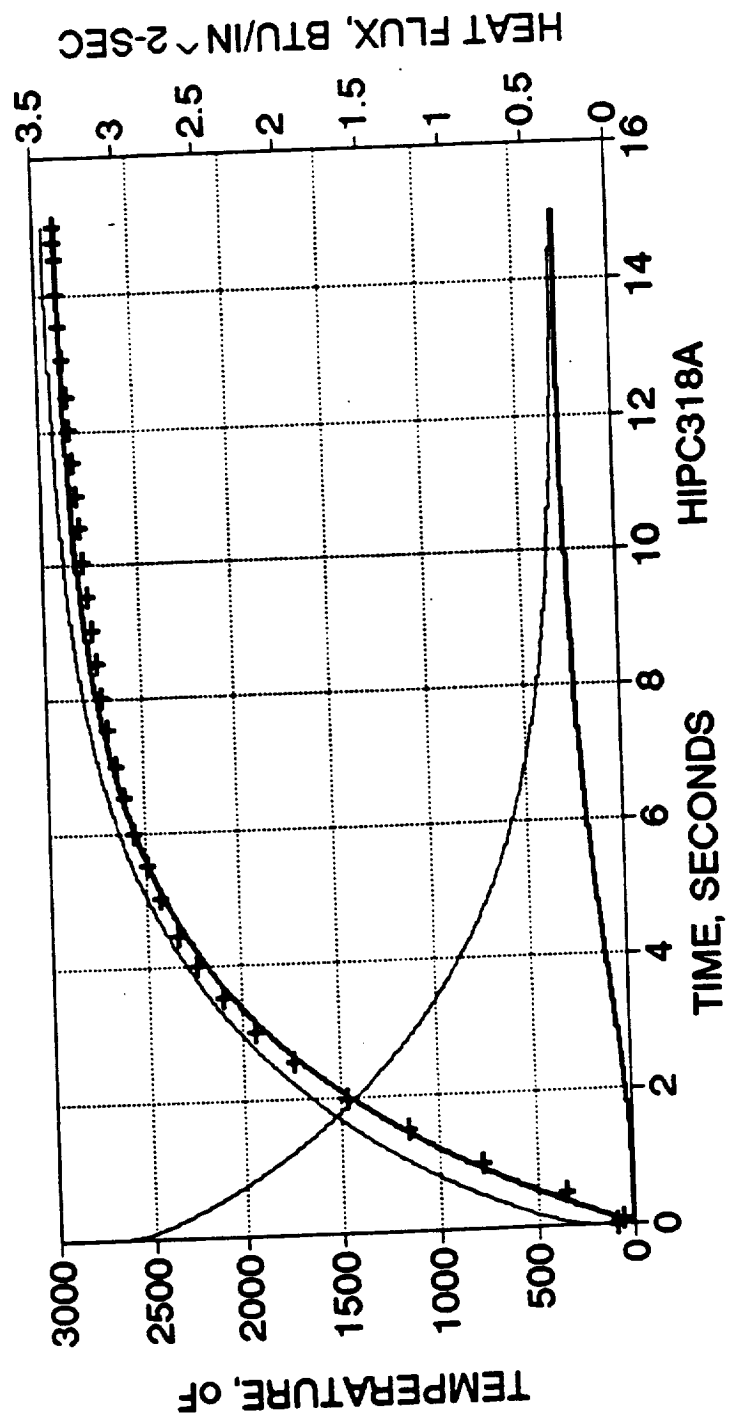


Figure D-11

CHAMBER THERMAL RESPONSE

$T_r=3150F/hg=0.00093/P_c=242/MR=0.72$

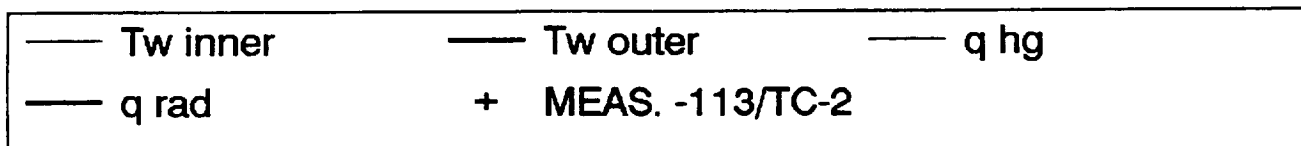
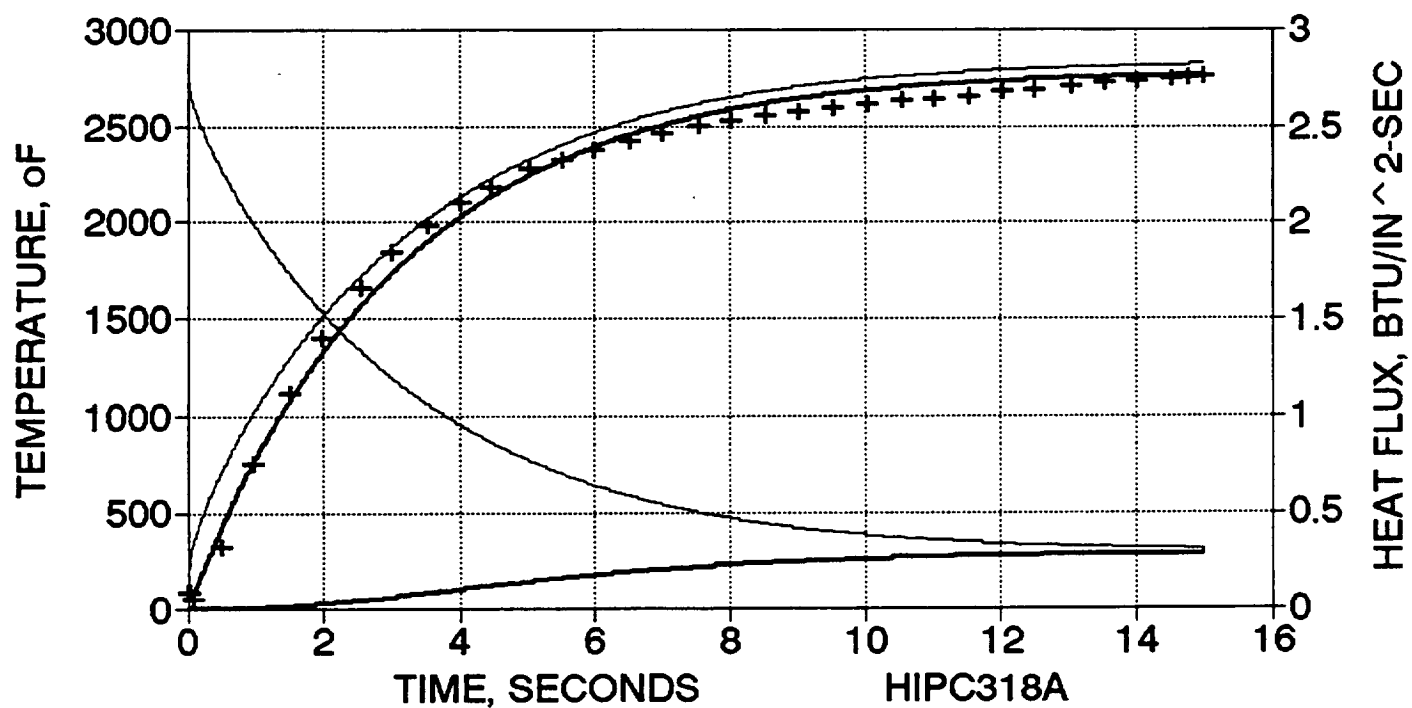


Figure D-12

CHAMBER THERMAL RESPONSE

$T_r=4075F/hg=0.00093/P_c=242/MR=0.72$

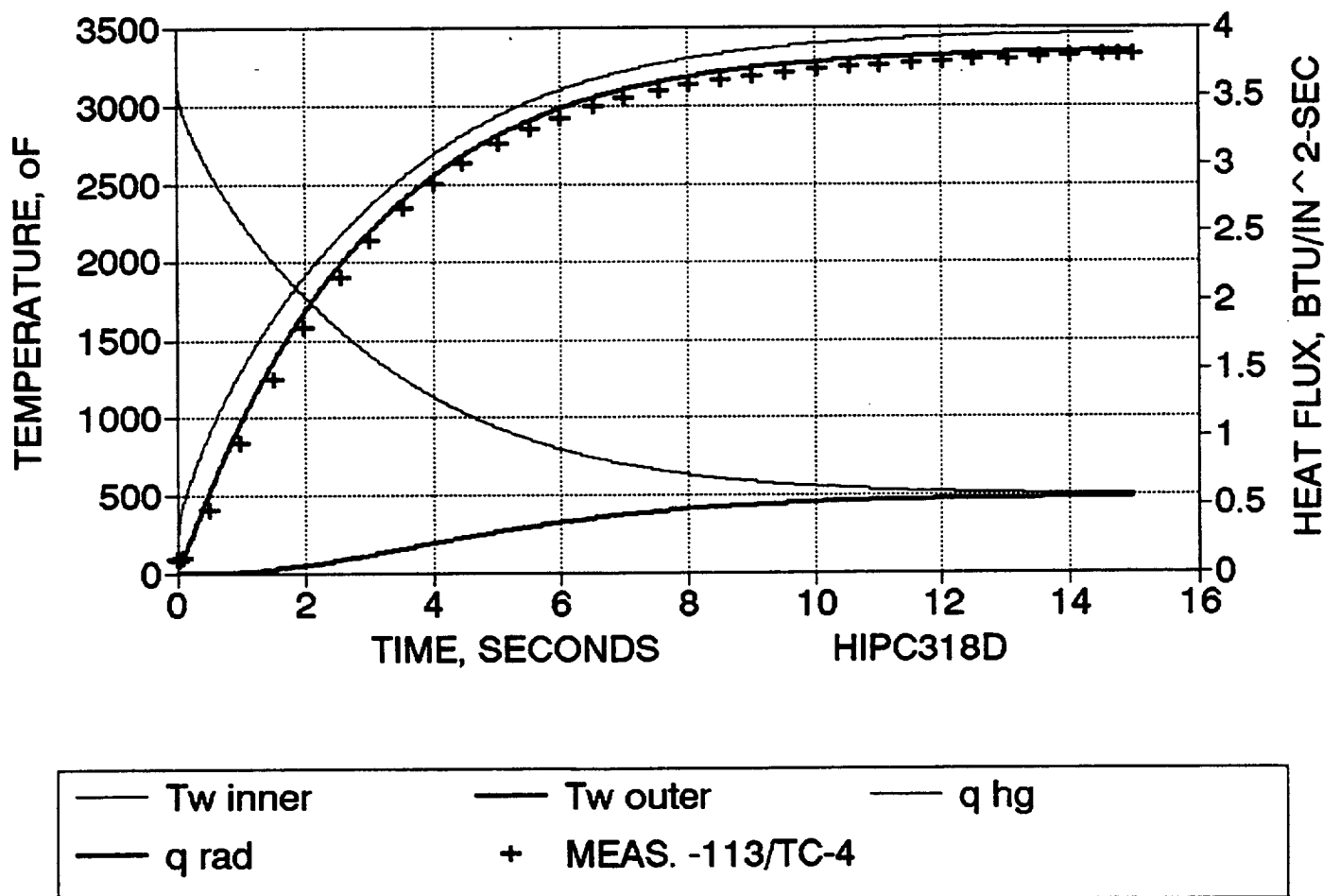


Figure D-13

CHAMBER THERMAL RESPONSE

$T_r=4170F/hg=0.00098/P_c=242/MR=0.72$

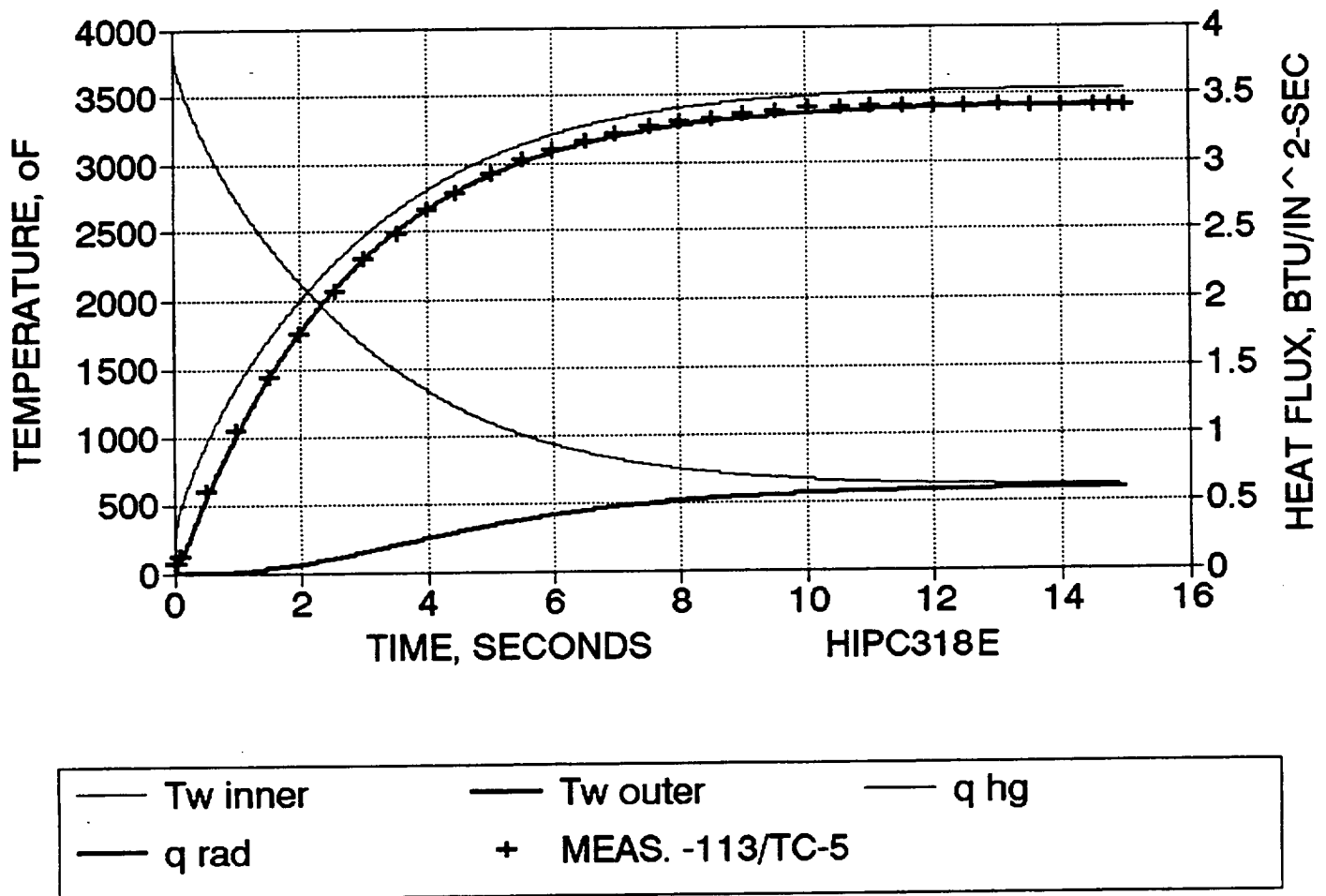


Figure D-14

CHAMBER THERMAL RESPONSE

$T_r=4200F/hg=0.00050/P_c=242/MR=0.72$

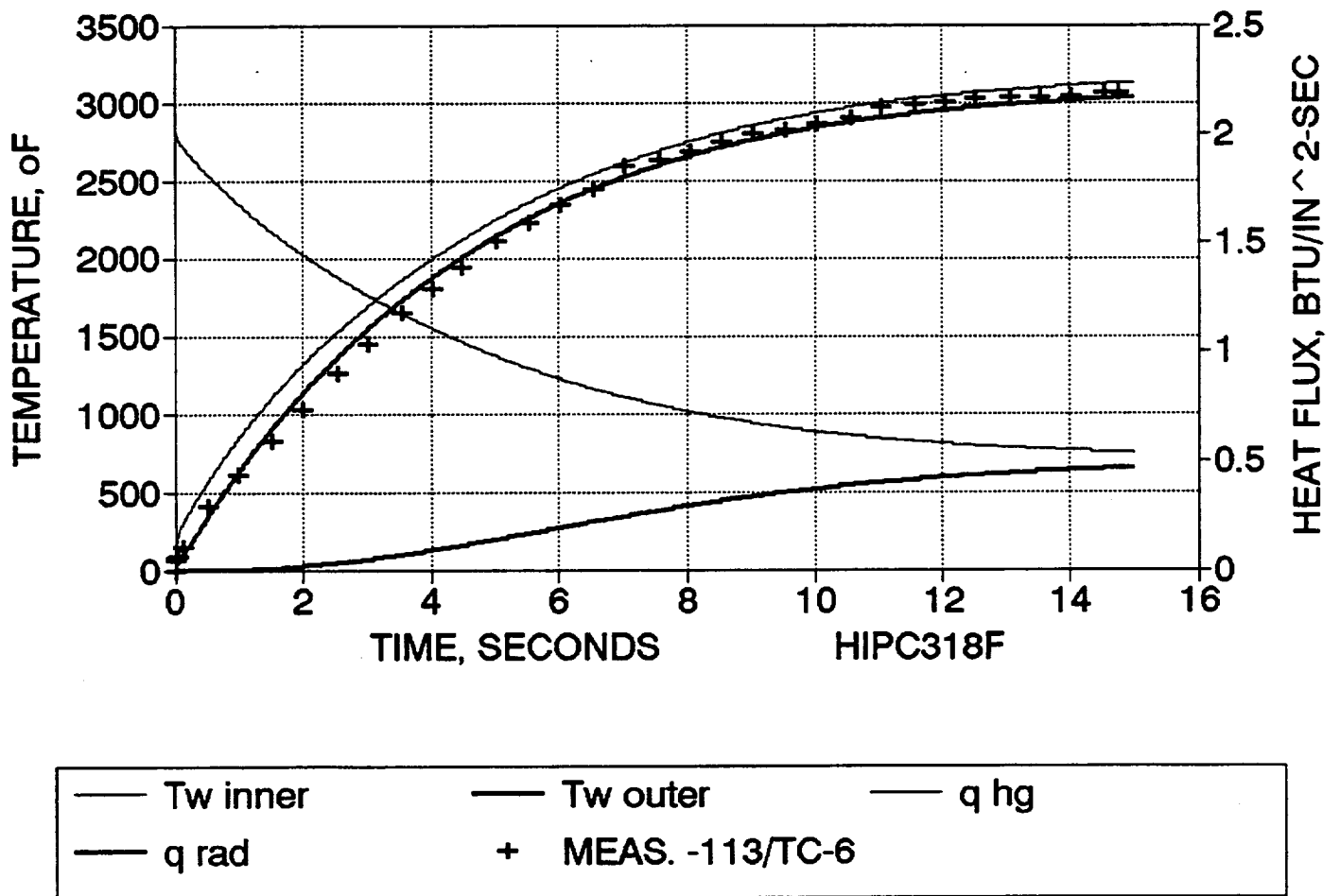


Figure D-15

CHAMBER THERMAL RESPONSE

$T_r=3540F/hg=0.0009/P_c=247/MR=0.83$

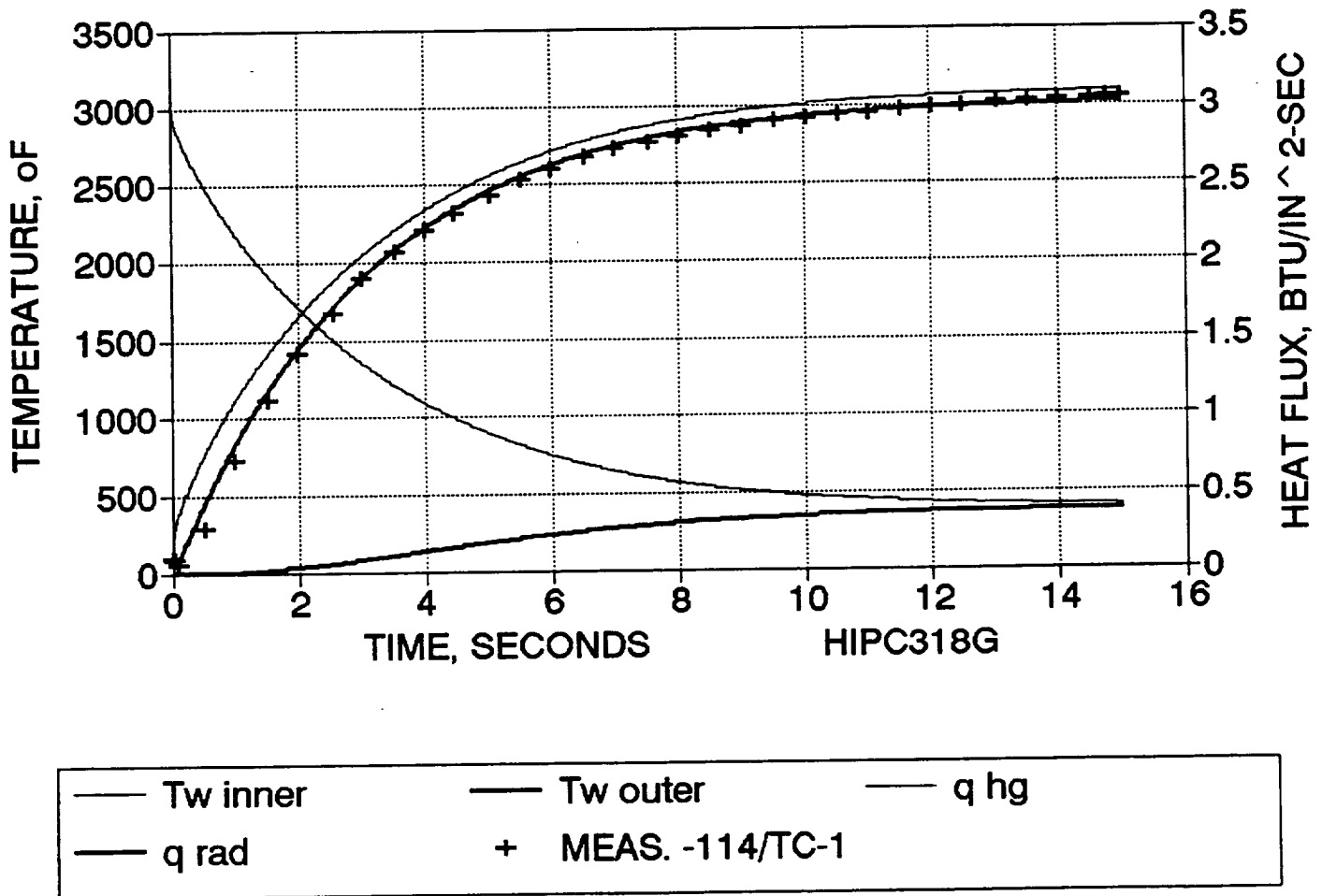


Figure D-16

CHAMBER THERMAL RESPONSE

$T_r=3300F/hg=0.0009/P_c=247/MR=0.83$

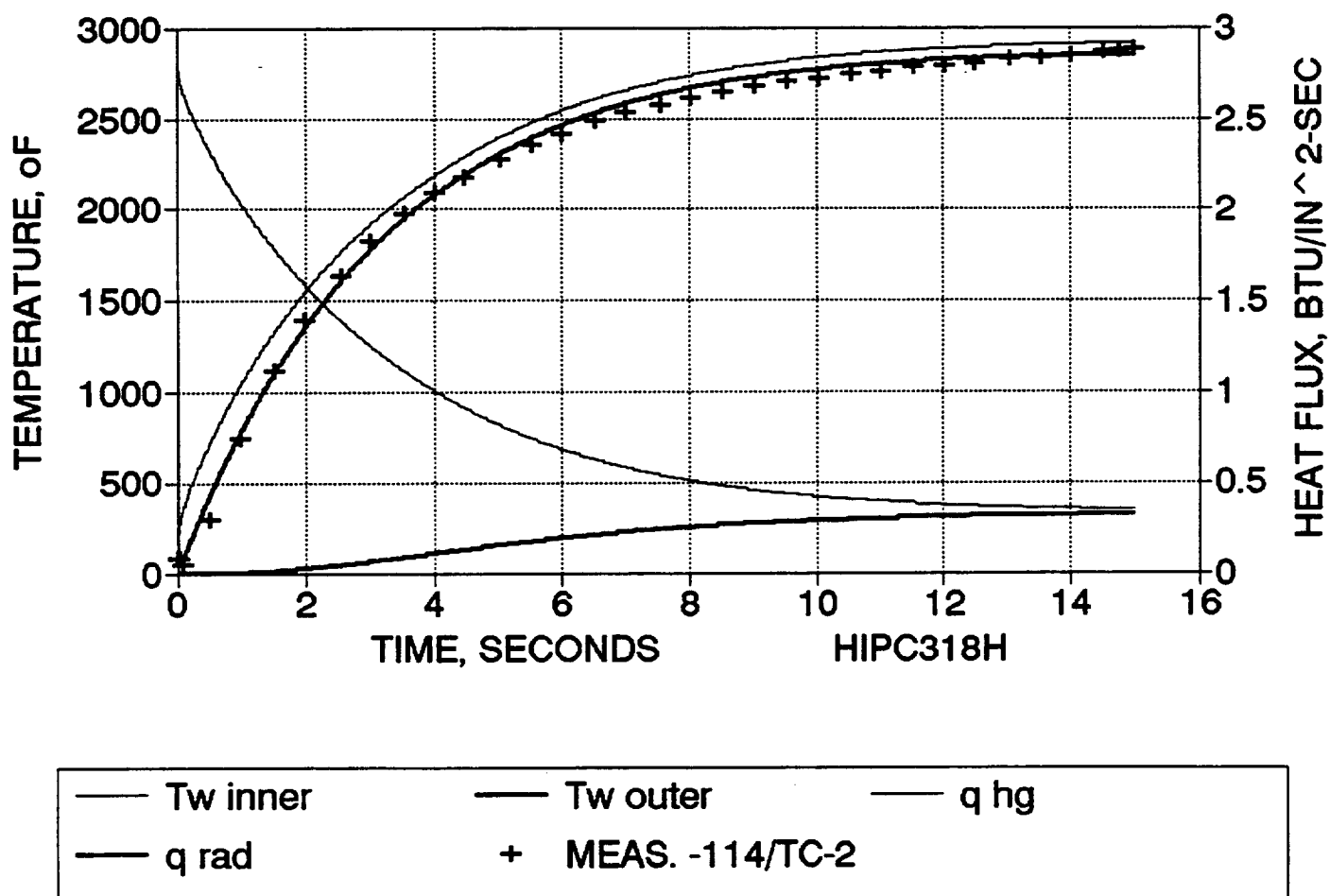


Figure D-17

CHAMBER THERMAL RESPONSE

$T_r=4650F/hg=0.00085/P_c=247/MR=0.83$

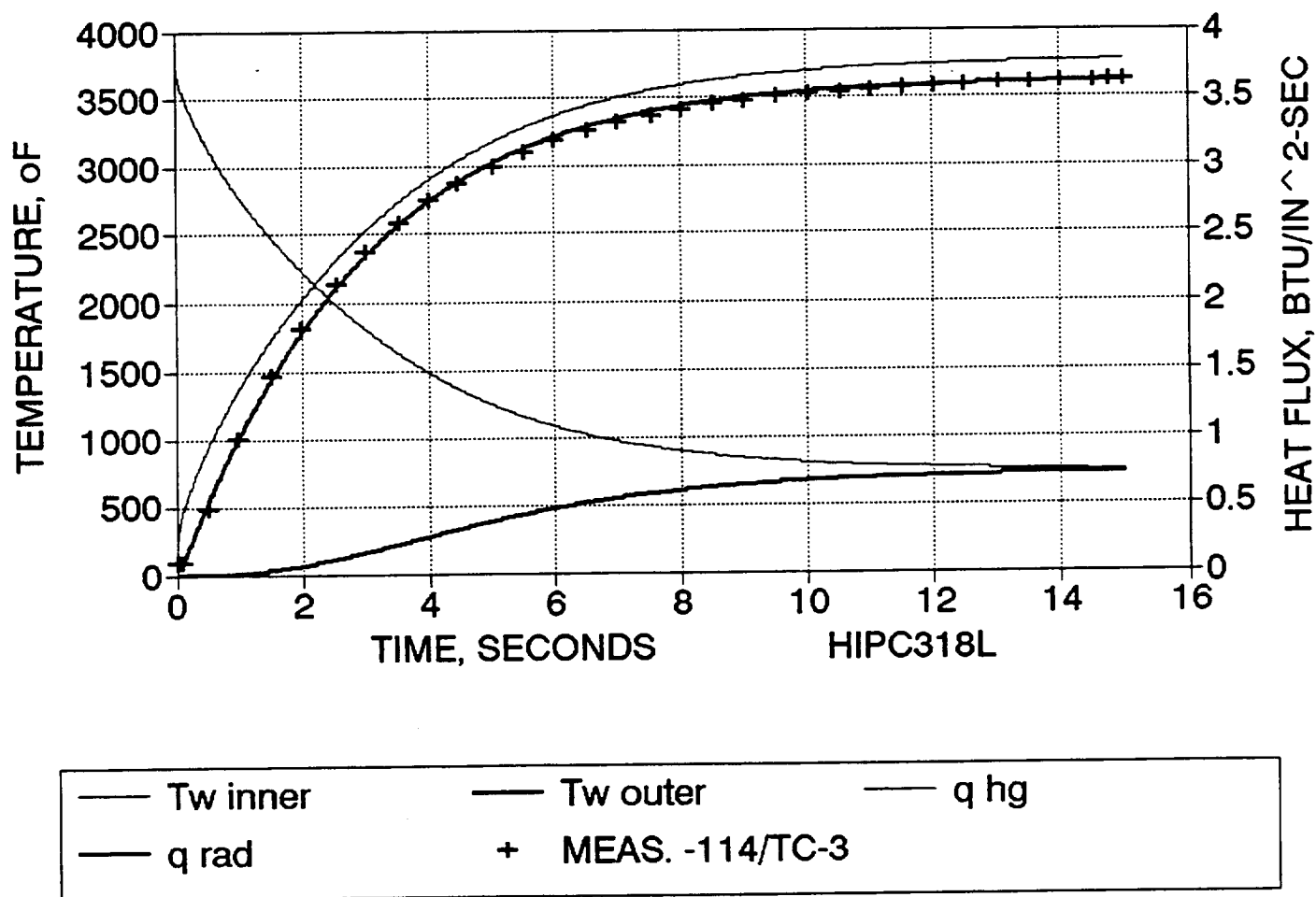


Figure D-18

CHAMBER THERMAL RESPONSE

$T_r=4875F/hg=0.00070/P_c=247/MR=0.83$

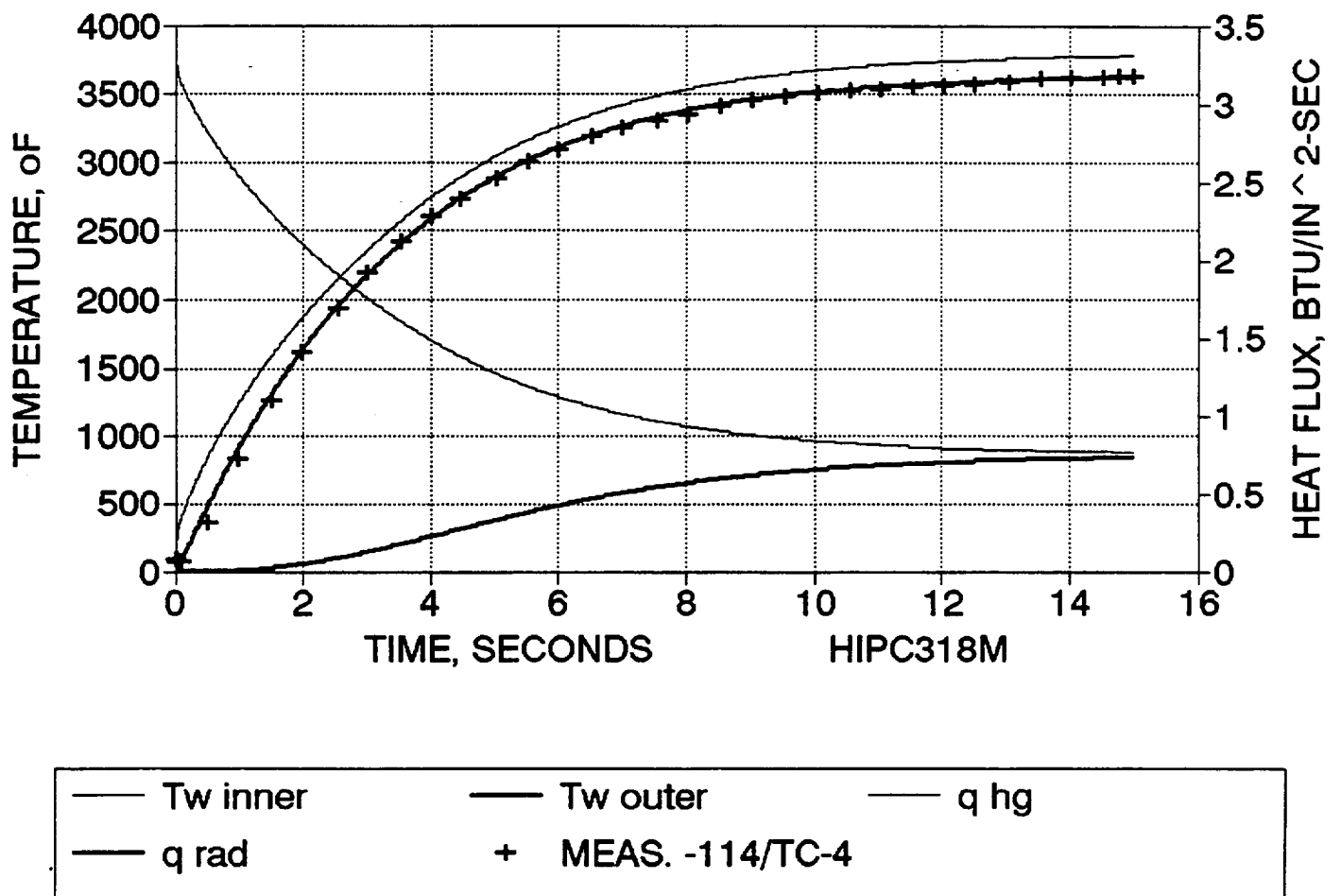


Figure D-19

CHAMBER THERMAL RESPONSE

$T_r=4575F/hg=0.00090/P_c=247/MR=0.83$

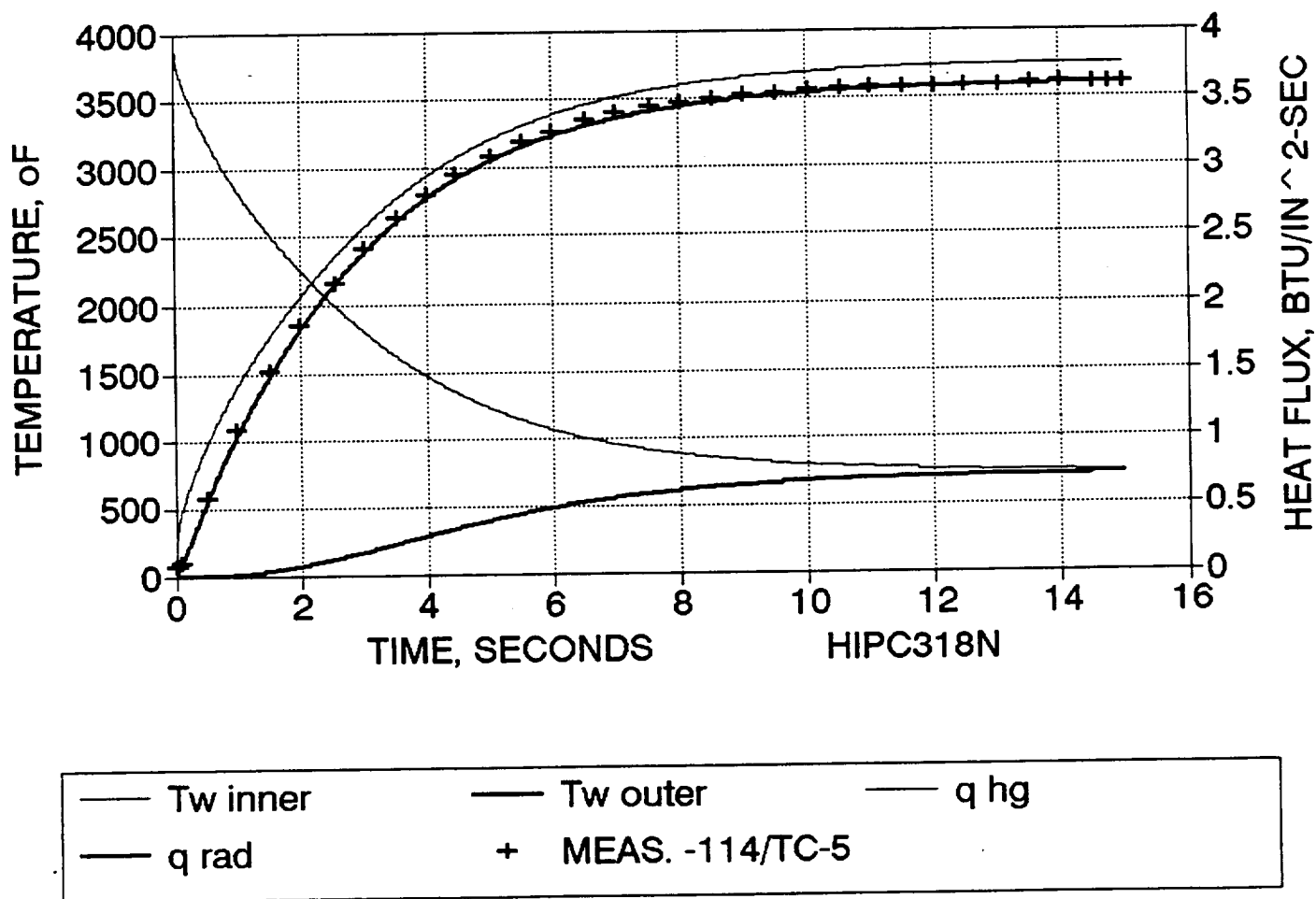


Figure D-20

CHAMBER THERMAL RESPONSE

$T_r=4600F/hg=0.00050/P_c=247/MR=0.83$

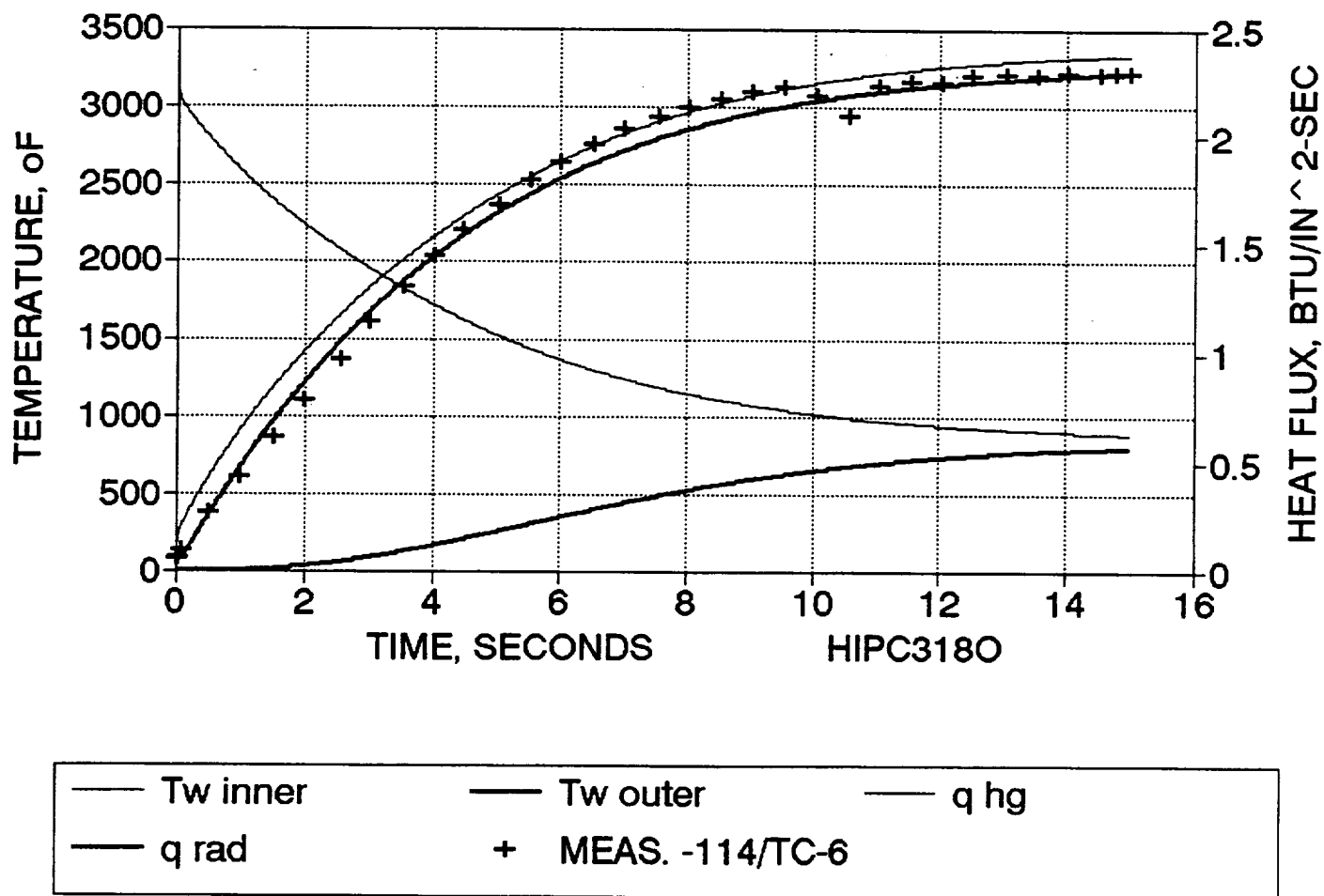


Figure D-21

CHAMBER THERMAL RESPONSE

$T_r=3850F/hg=0.00080/P_c=242/MR=0.87$

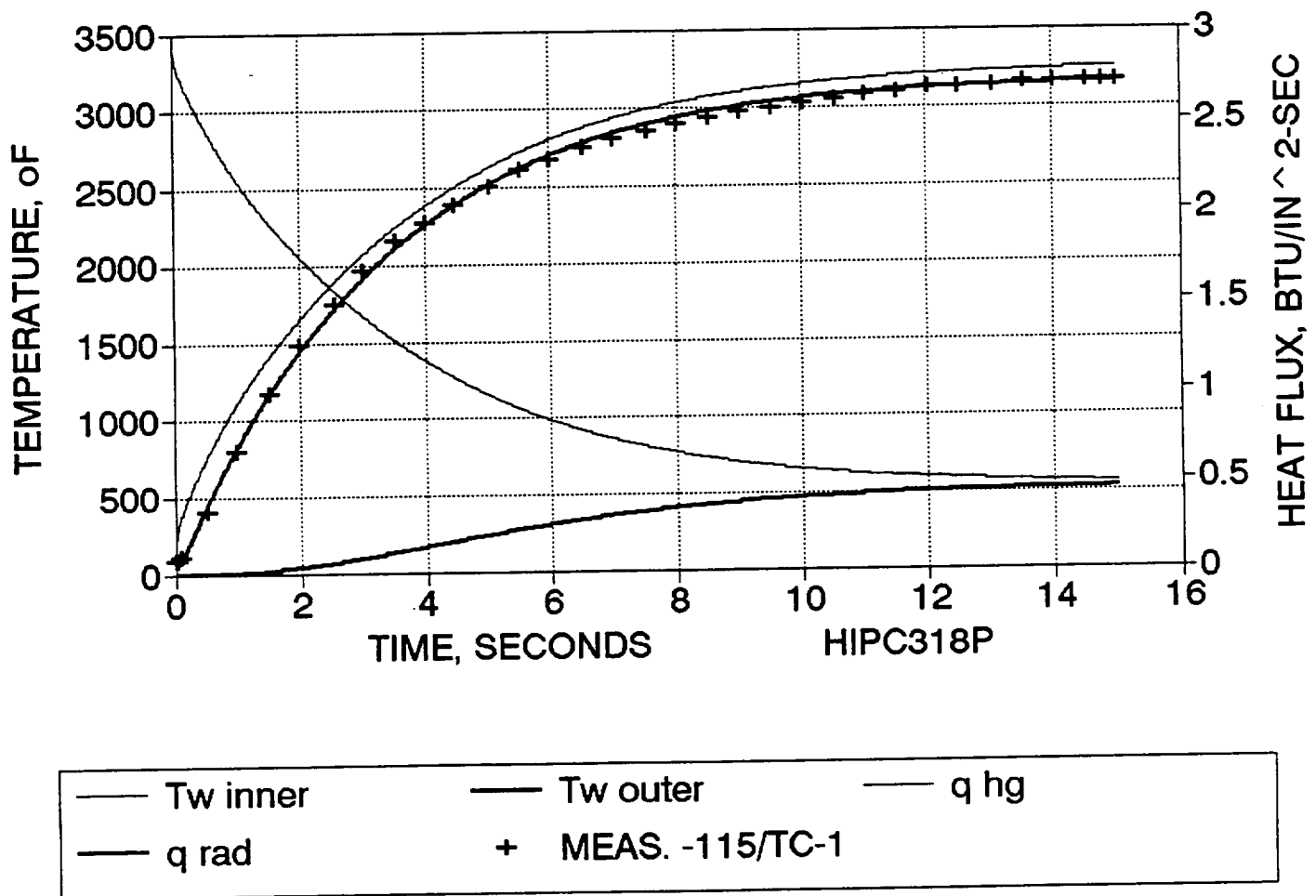


Figure D-22

CHAMBER THERMAL RESPONSE

$T_r=3600F/hg=0.00085/P_c=242/MR=0.87$

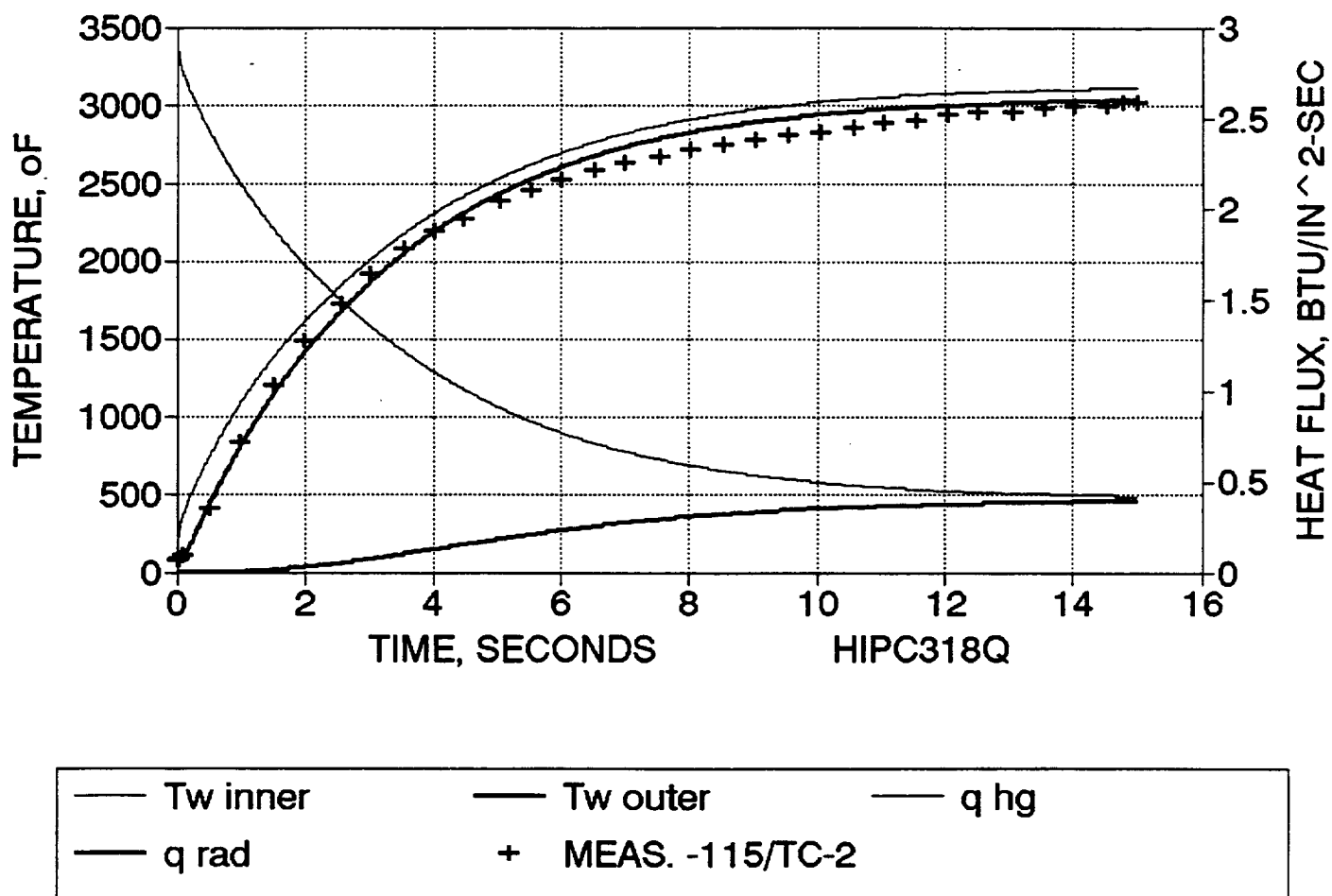


Figure D-23

CHAMBER THERMAL RESPONSE

$T_r=4950F/hg=0.00095/P_c=242/MR=0.87$

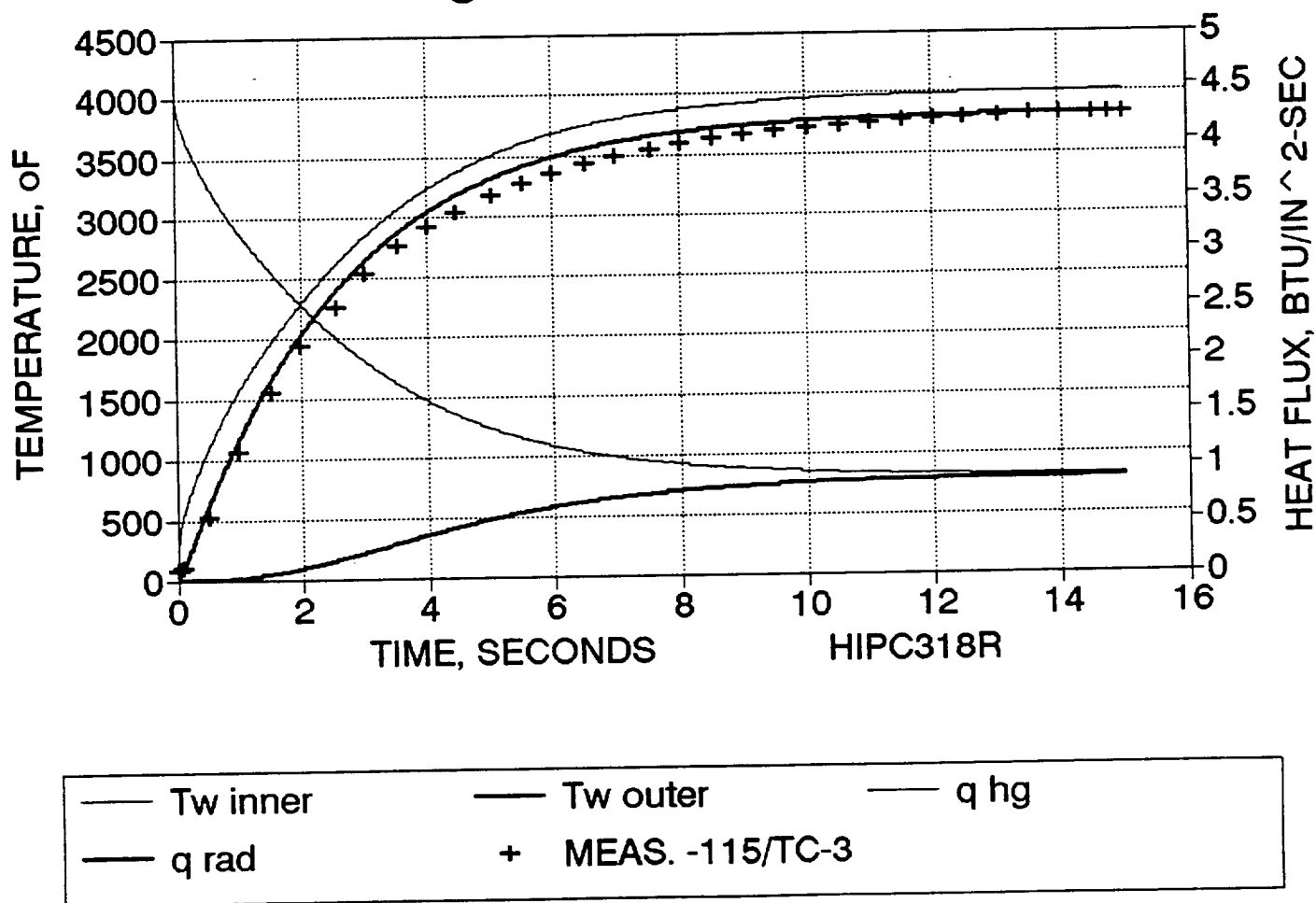


Figure D-24

CHAMBER THERMAL RESPONSE

$T_r=5400F/hg=0.00065/P_c=242/MR=0.87$

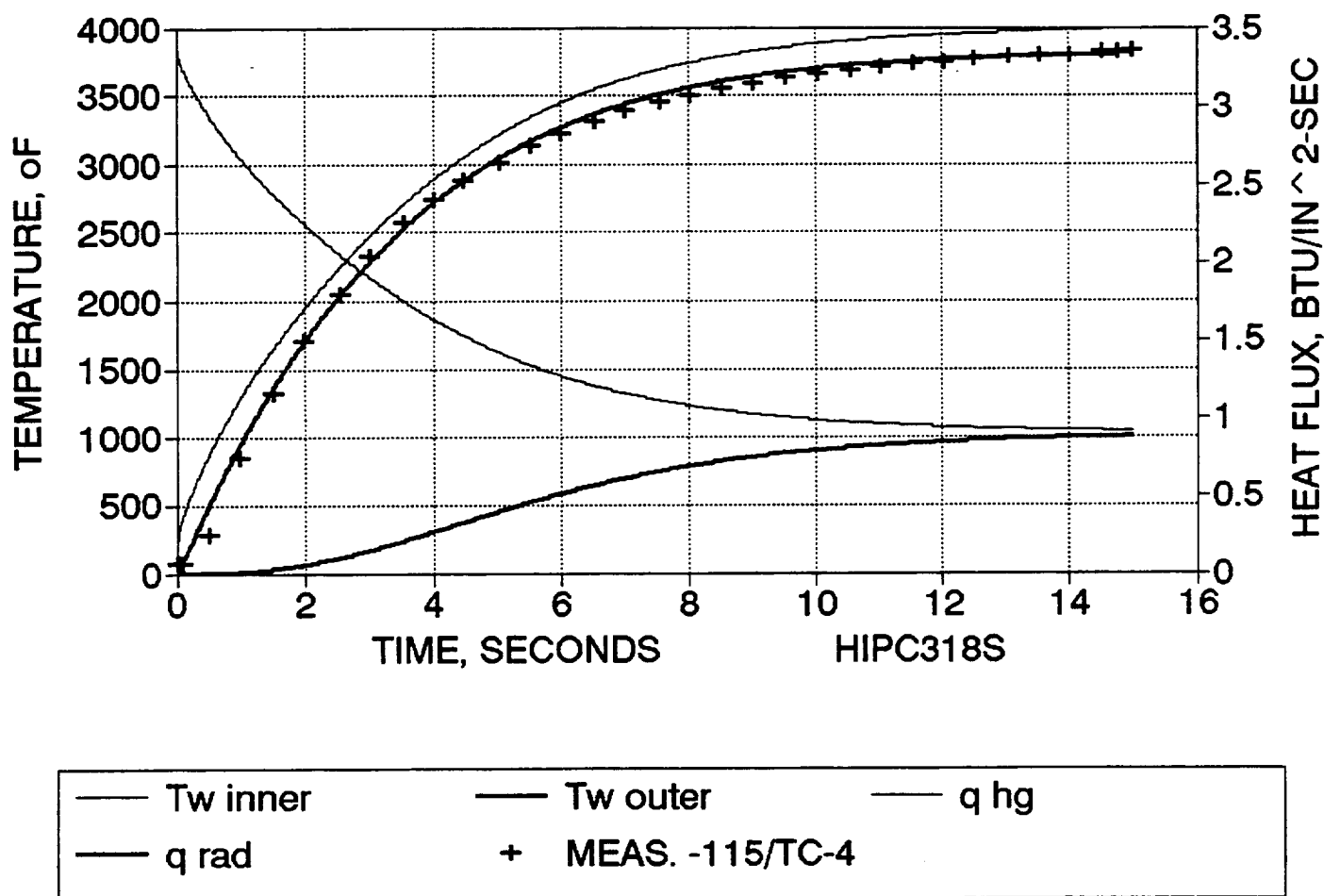


Figure D-25

CHAMBER THERMAL RESPONSE

$T_r=4750F/hg=0.0009/P_c=242/MR=0.87$

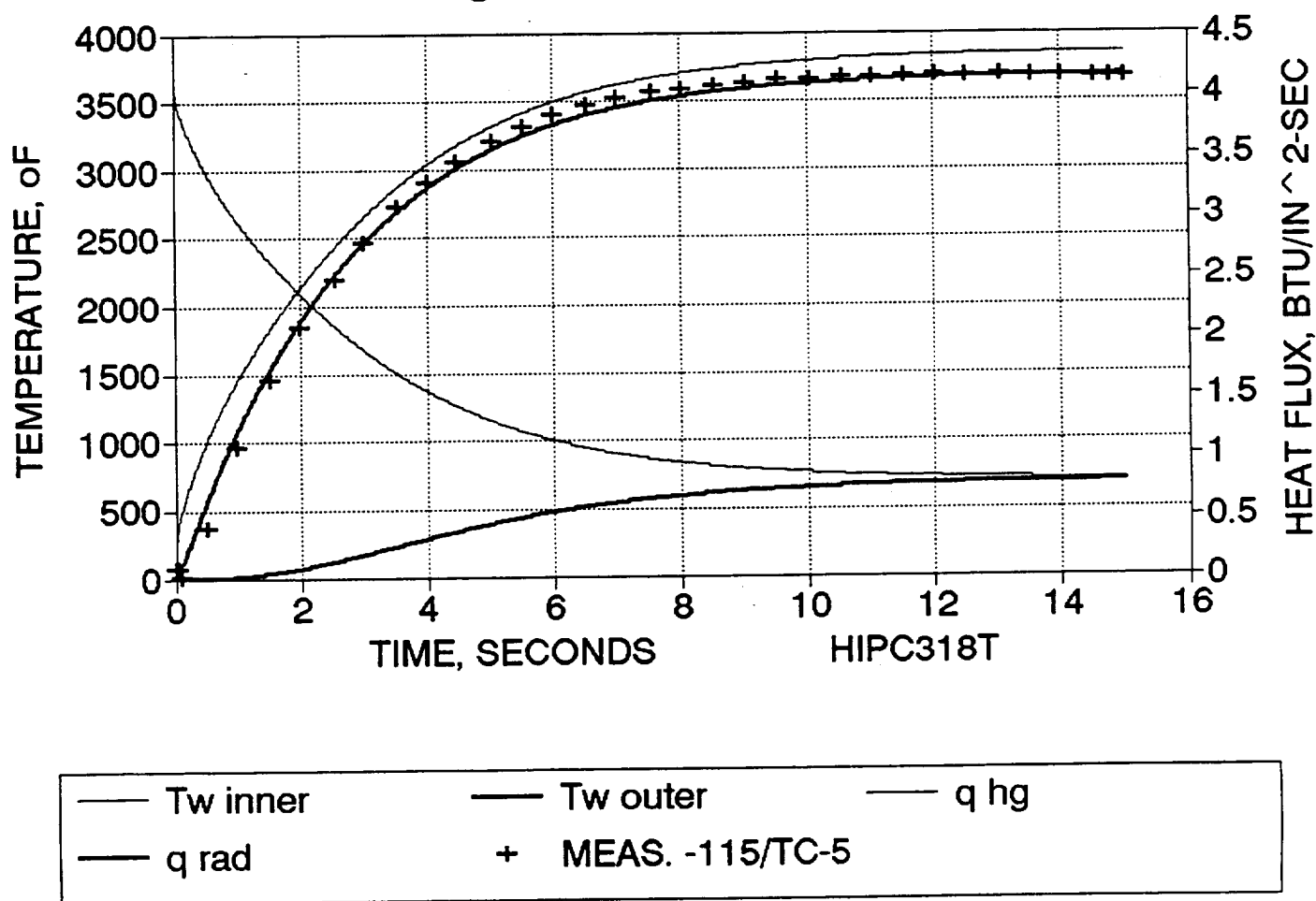


Figure D-26

CHAMBER THERMAL RESPONSE

$T_r = 3950\text{F}/h_g = 0.0006/\text{Pc} = 242/\text{MR} = 0.87$

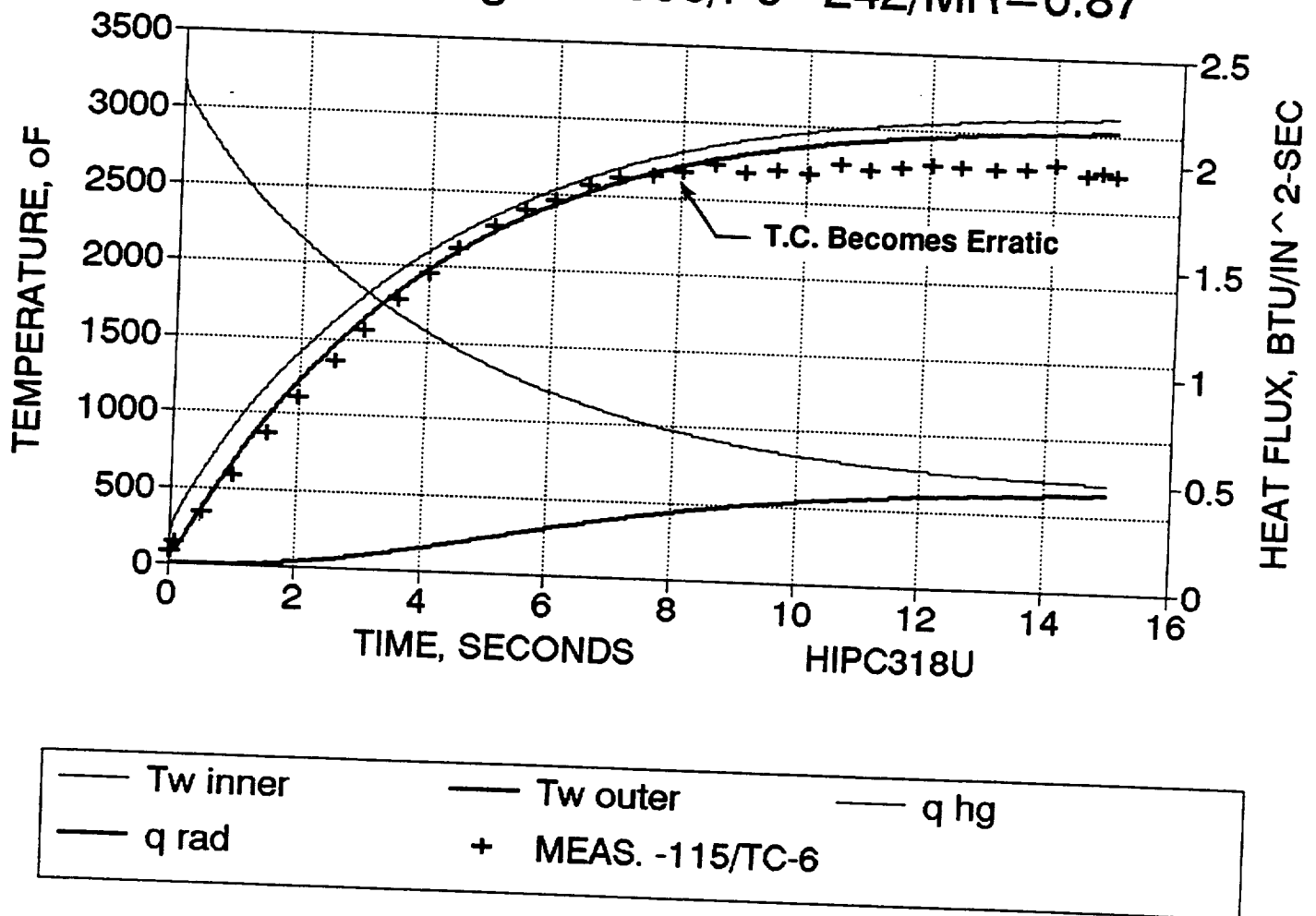
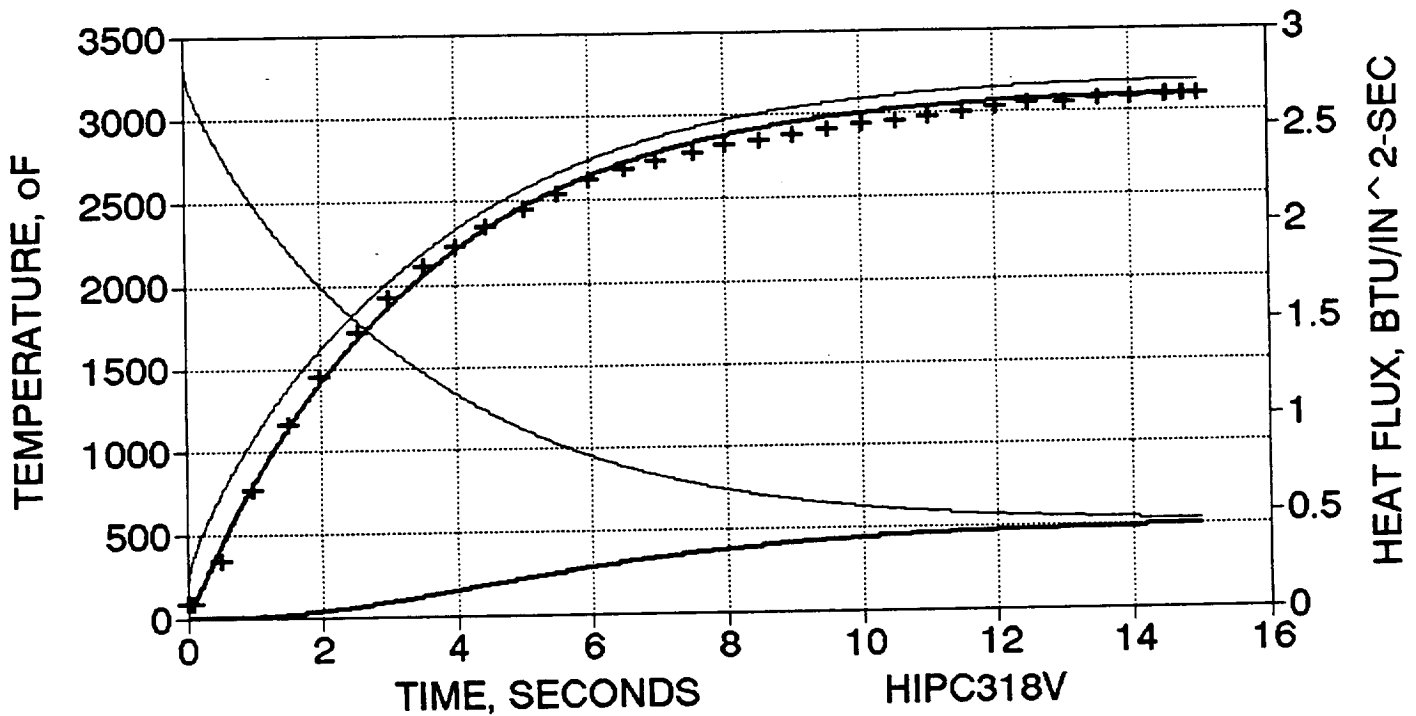


Figure D-27

CHAMBER THERMAL RESPONSE

$T_r=3750F/hg=0.00080/P_c=245/MR=0.85$



— Tw inner	— Tw outer	— q hg
— q rad	+ MEAS. -116/TC-1	

Figure D-28

CHAMBER THERMAL RESPONSE

$T_r=3525F/hg=0.00085/P_c=245/MR=0.85$

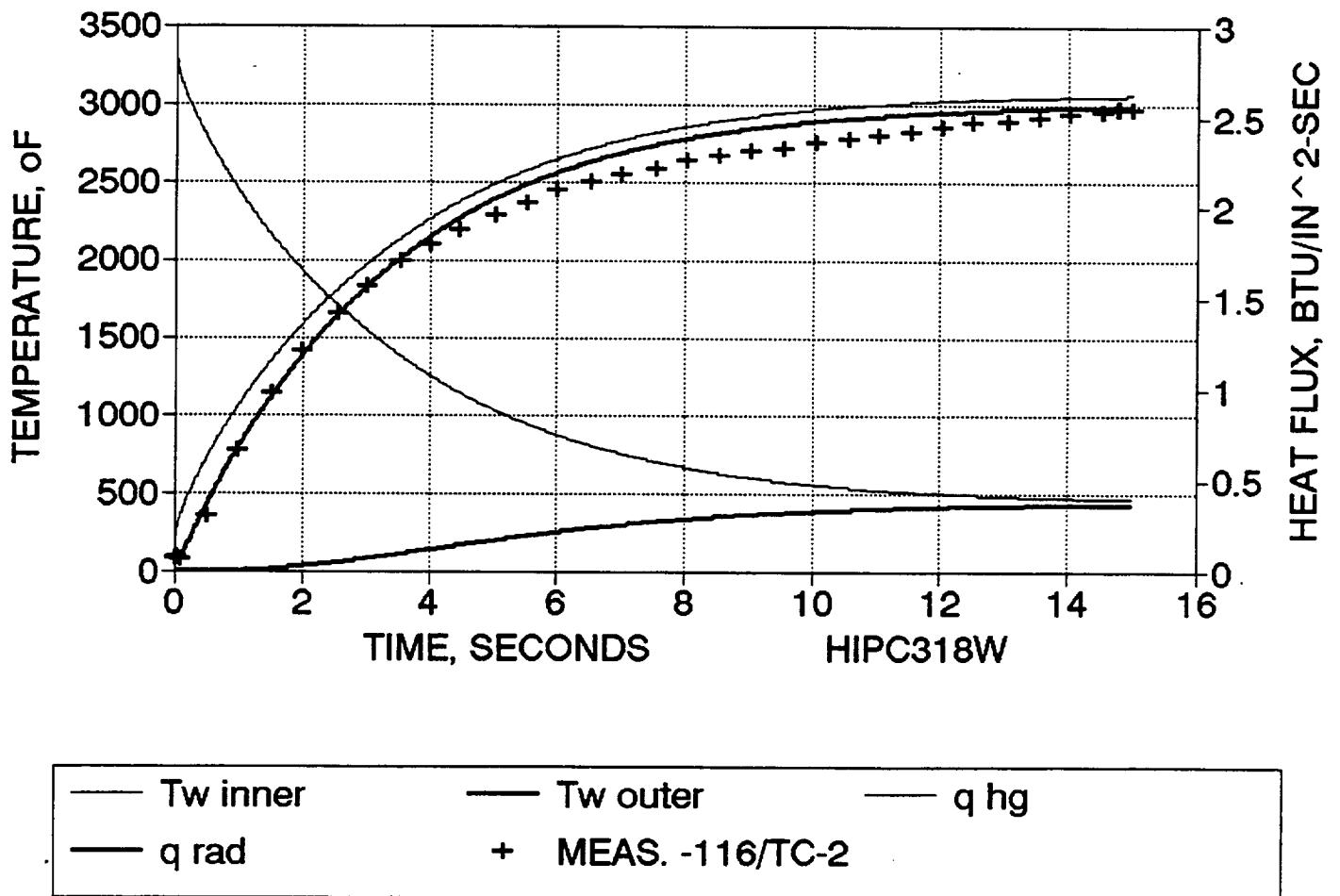


Figure D-29

CHAMBER THERMAL RESPONSE

$T_r=5250F/hg=0.0008/P_c=245/MR=0.85$

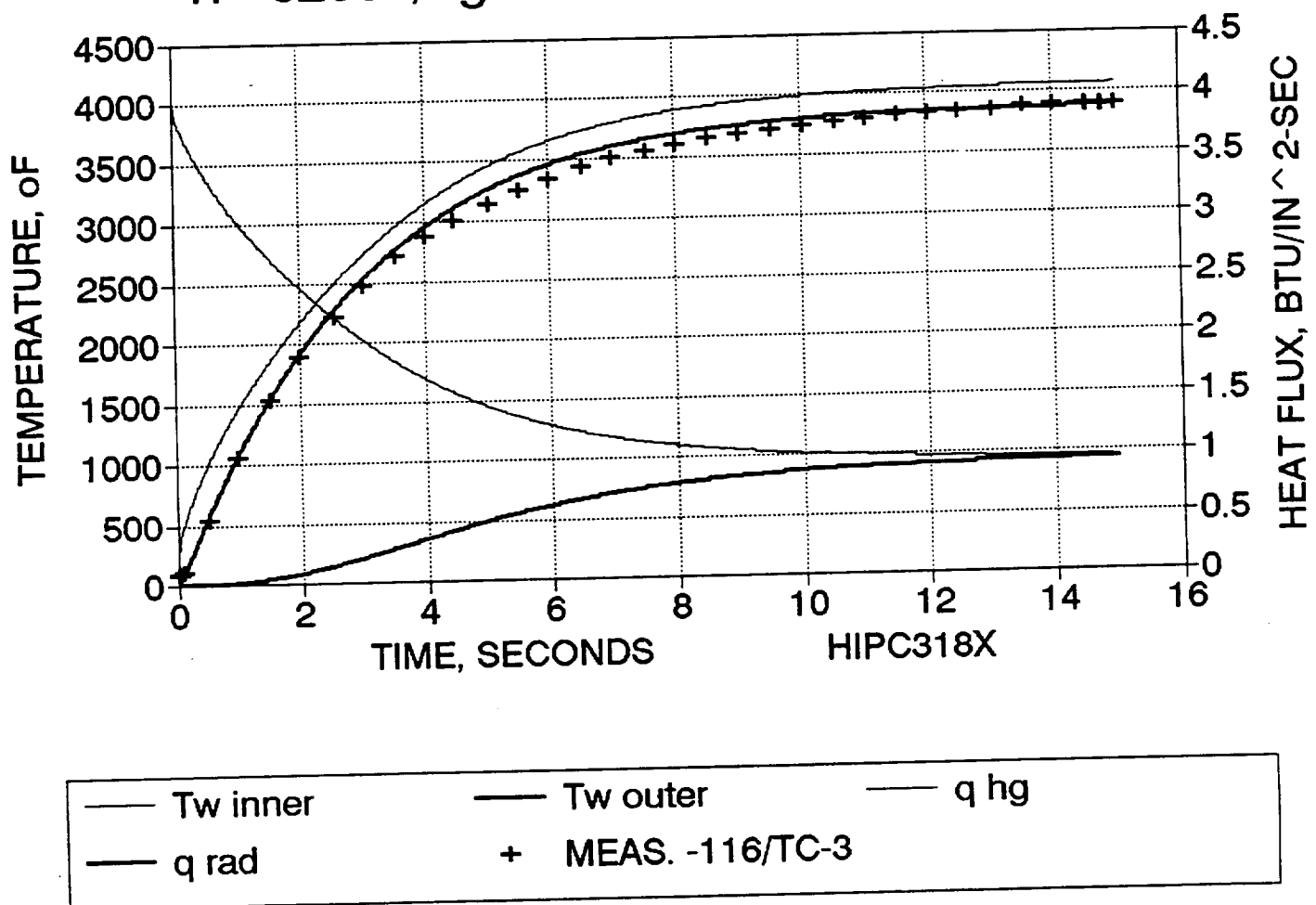


Figure D-30

CHAMBER THERMAL RESPONSE

$T_r=5525F/hg=0.0006/P_c=245/MR=0.85$

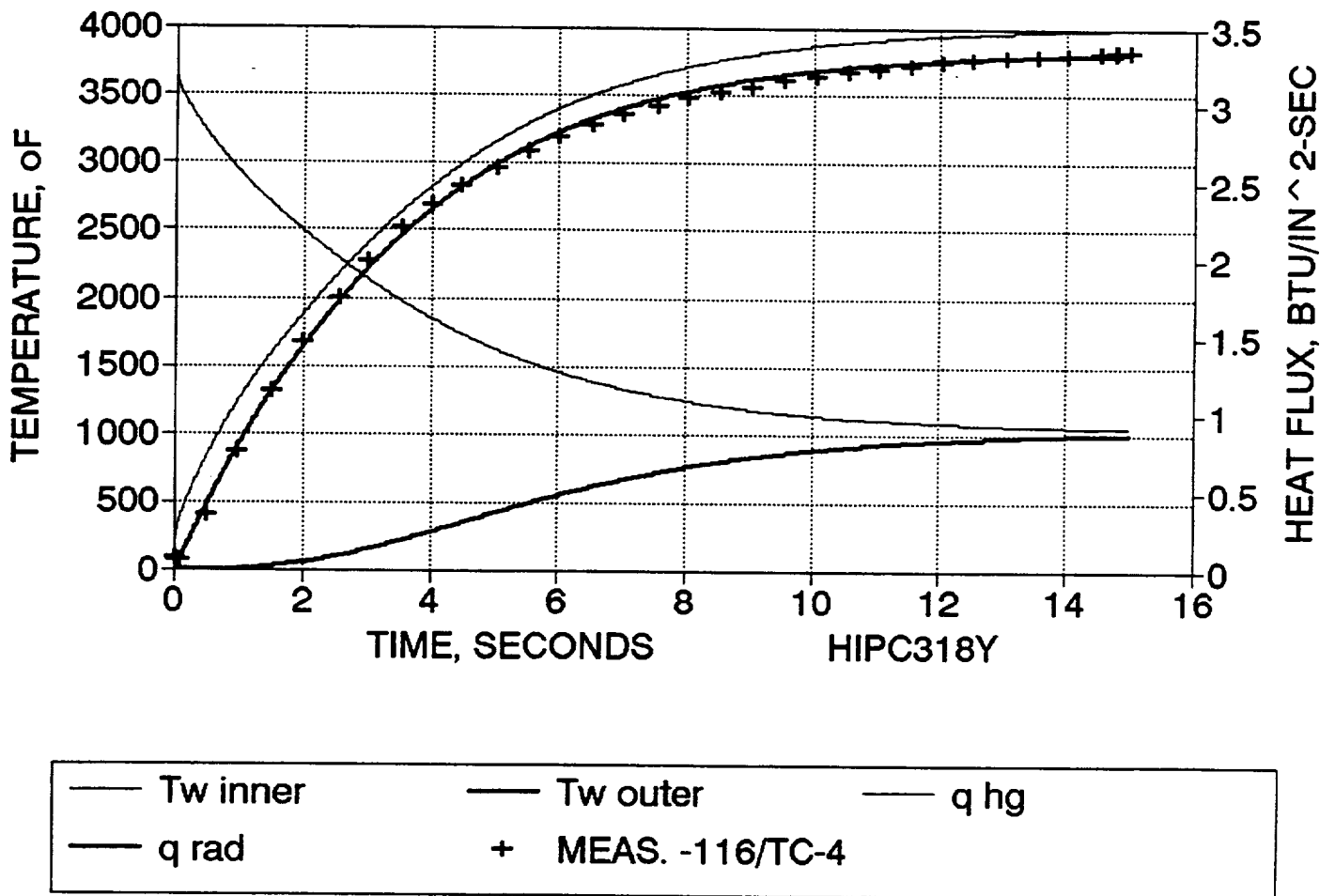


Figure D-31

CHAMBER THERMAL RESPONSE

$T_r=4650F/hg=0.00095/P_c=245/MR=0.85$

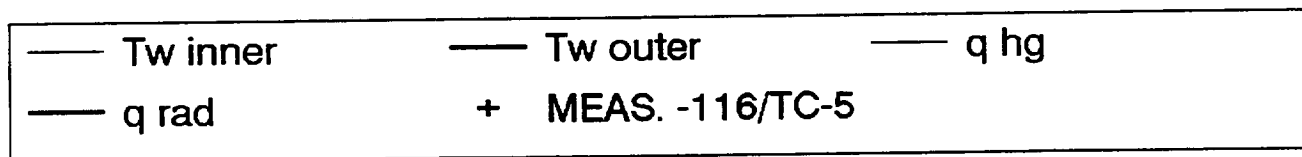
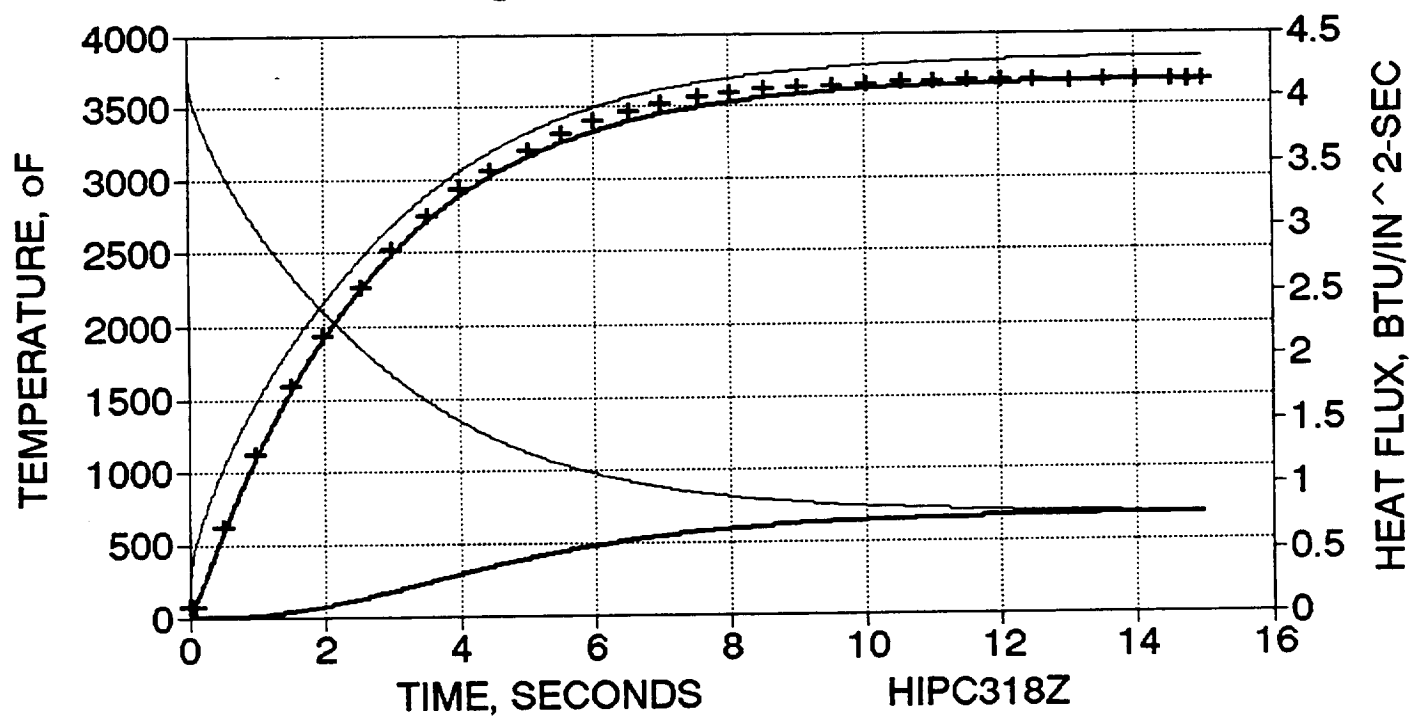


Figure D-32

CHAMBER THERMAL RESPONSE

$T_r = 3225\text{F}/\text{hg} = 0.0008/\text{Pc} = 245/\text{MR} = 0.85$

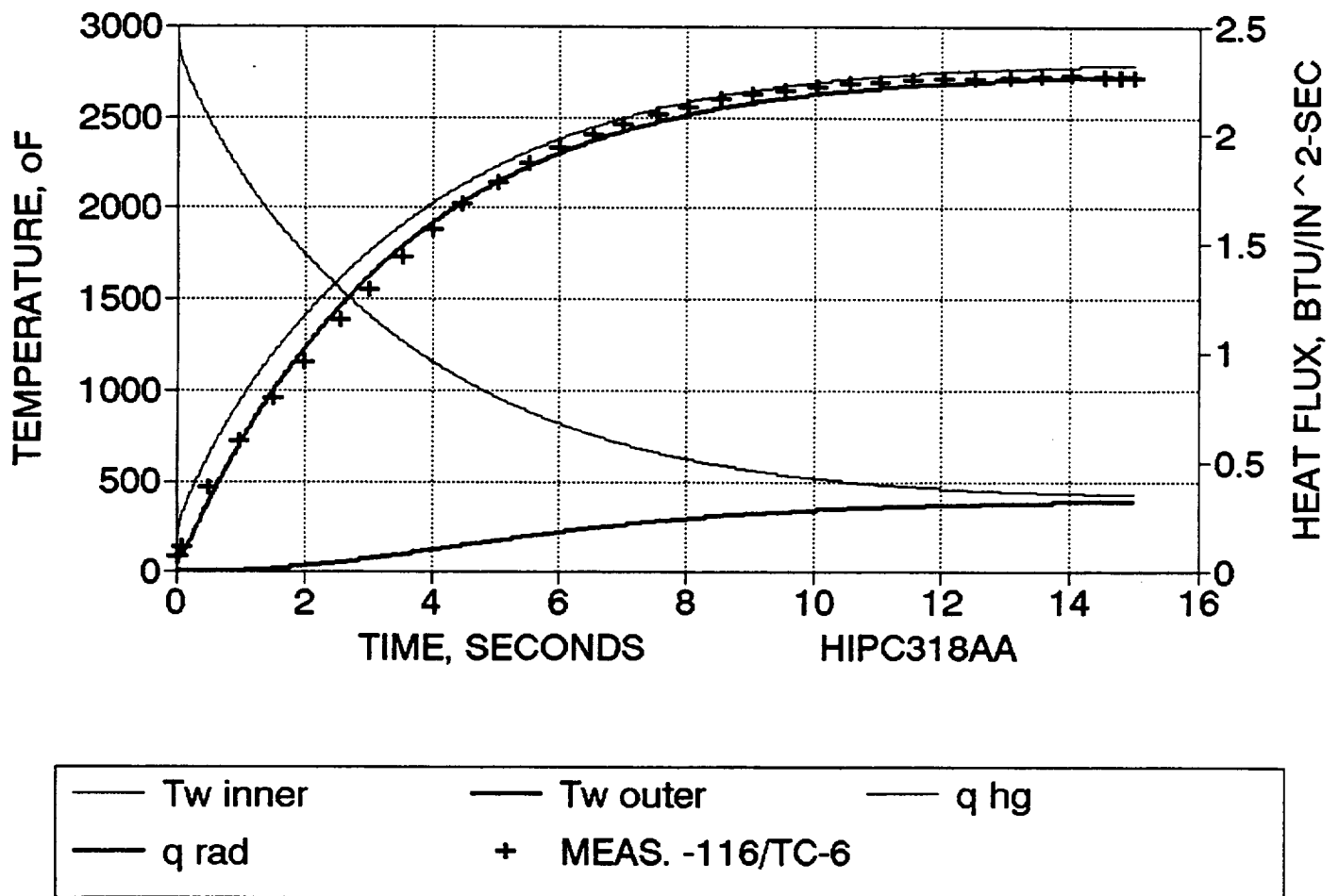


Figure D-33

CHAMBER THERMAL RESPONSE

$T_r=4200F/hg=0.001/Pc=94.9/MR=0.87$

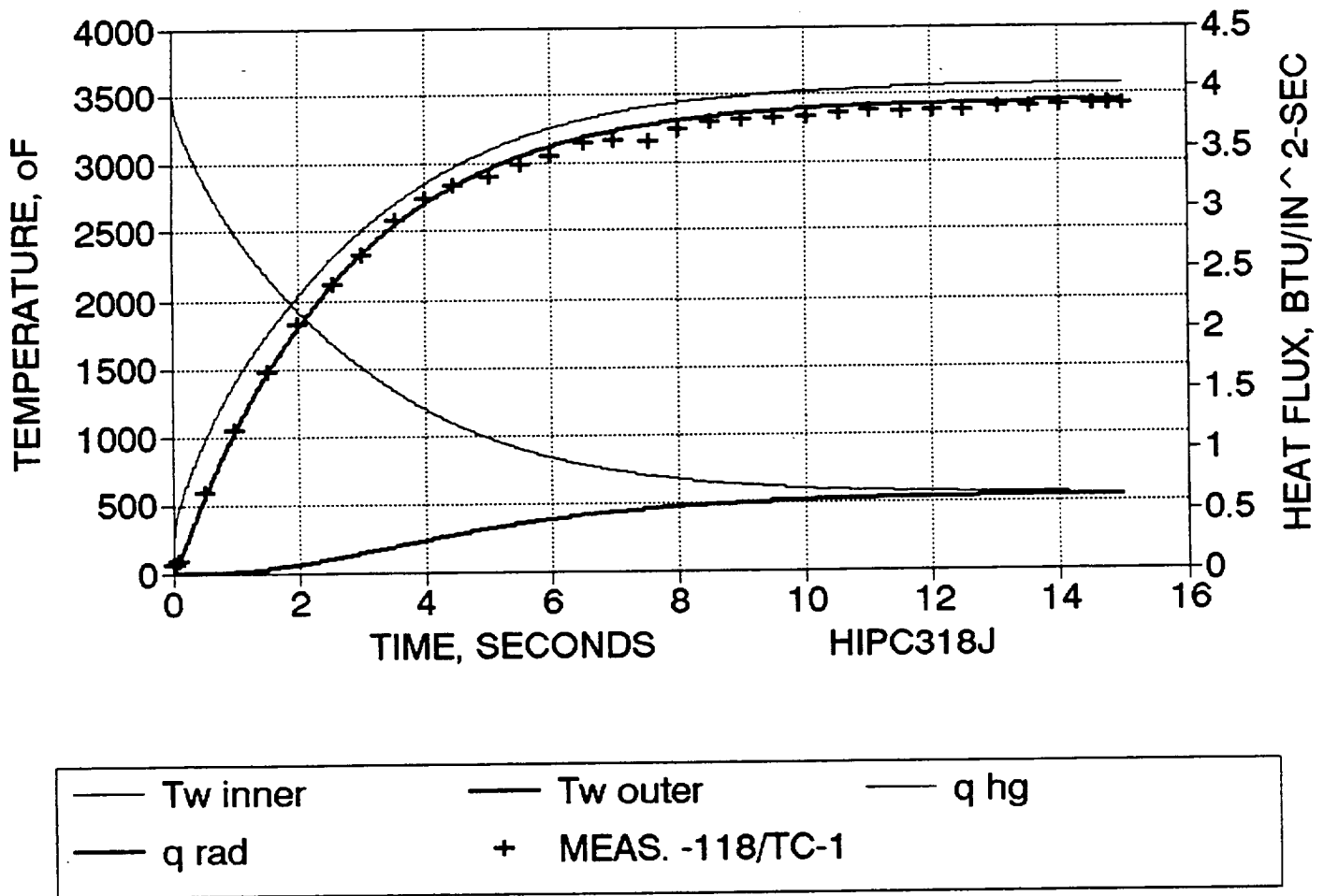


Figure D-34

CHAMBER THERMAL RESPONSE

$T_r=4350F/hg=0.0012/Pc=94.9/MR=0.87$

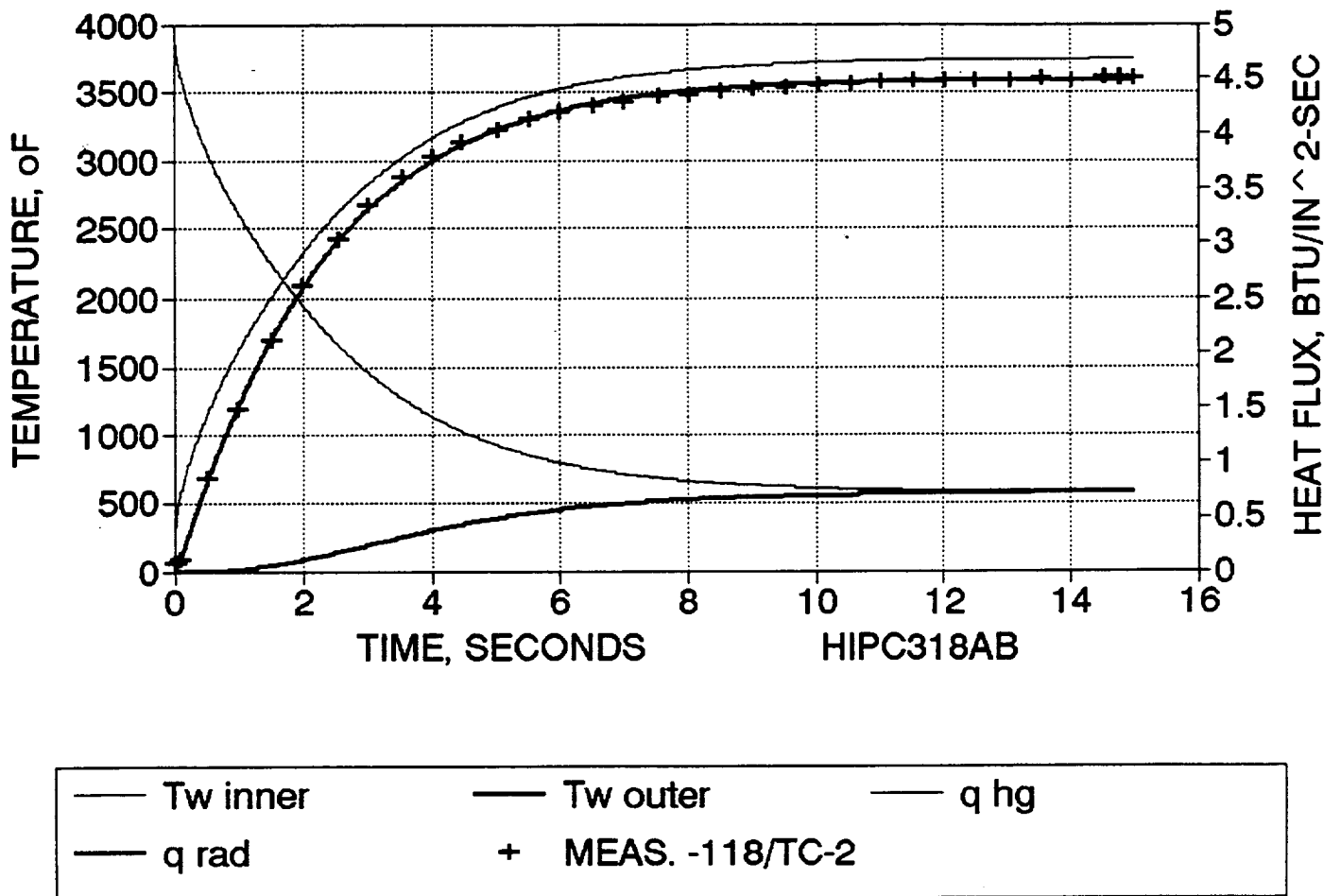


Figure D-35

CHAMBER THERMAL RESPONSE

$T_r=2950F/hg=0.00065/P_c=94.9/MR=0.87$

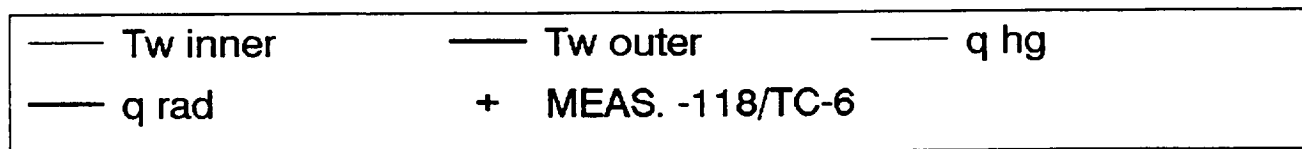
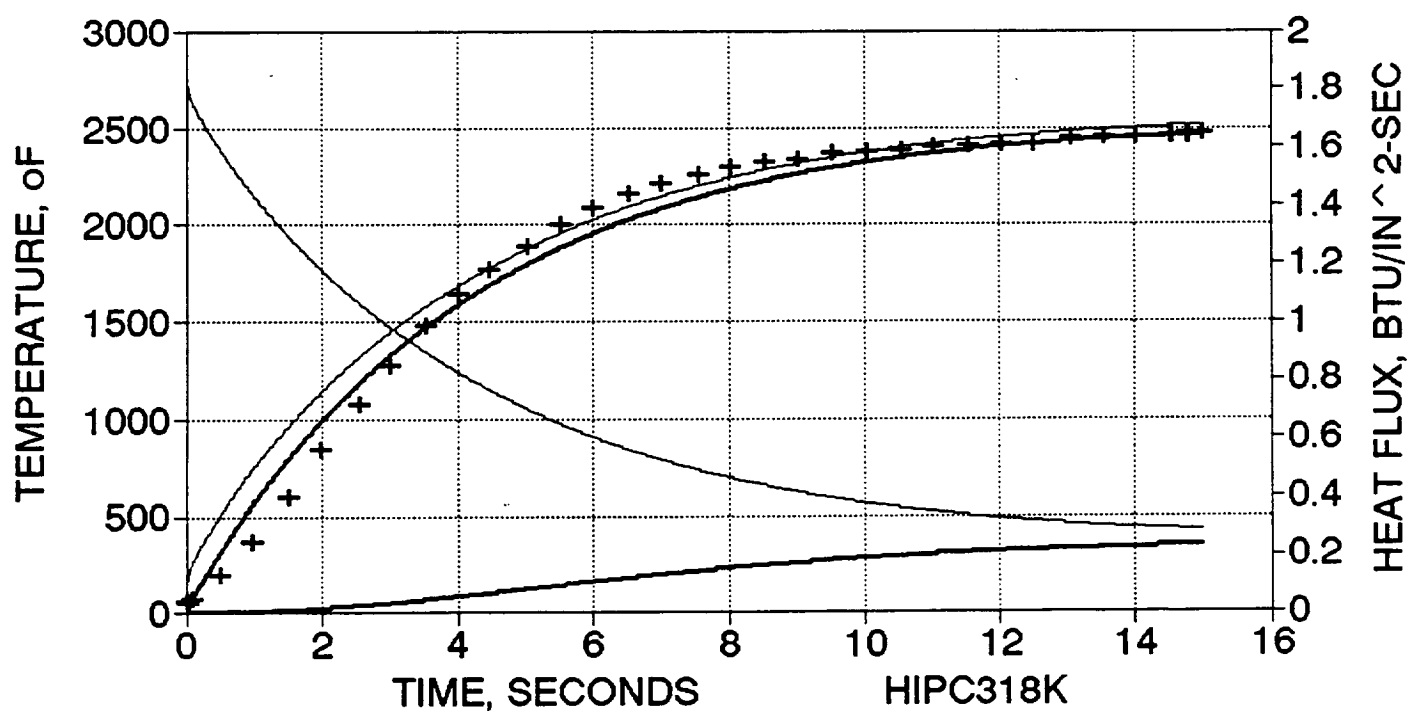


Figure D-36

CHAMBER THERMAL RESPONSE

$T_r=4600F/hg=0.00085/P_c=101/MR=0.97$

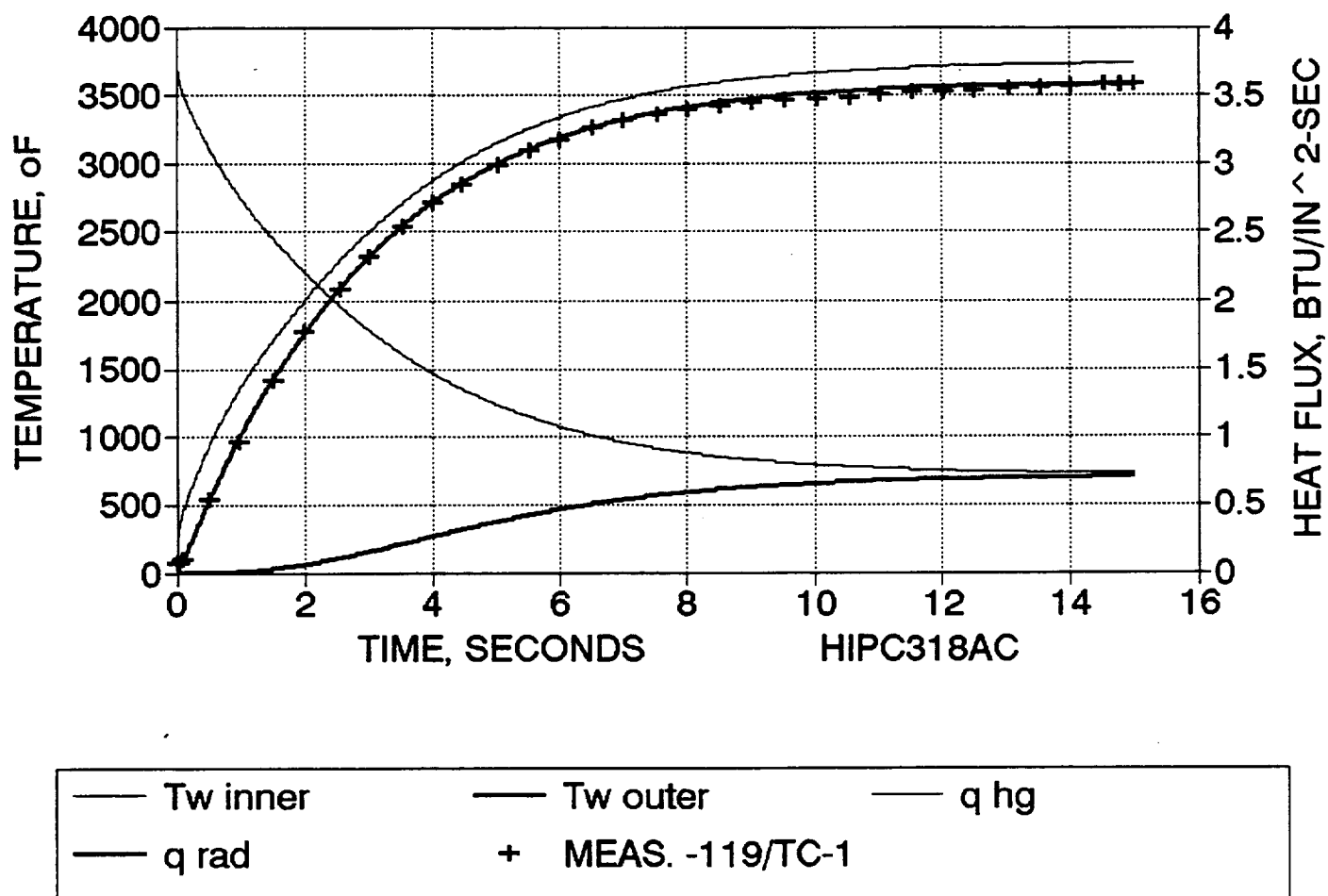
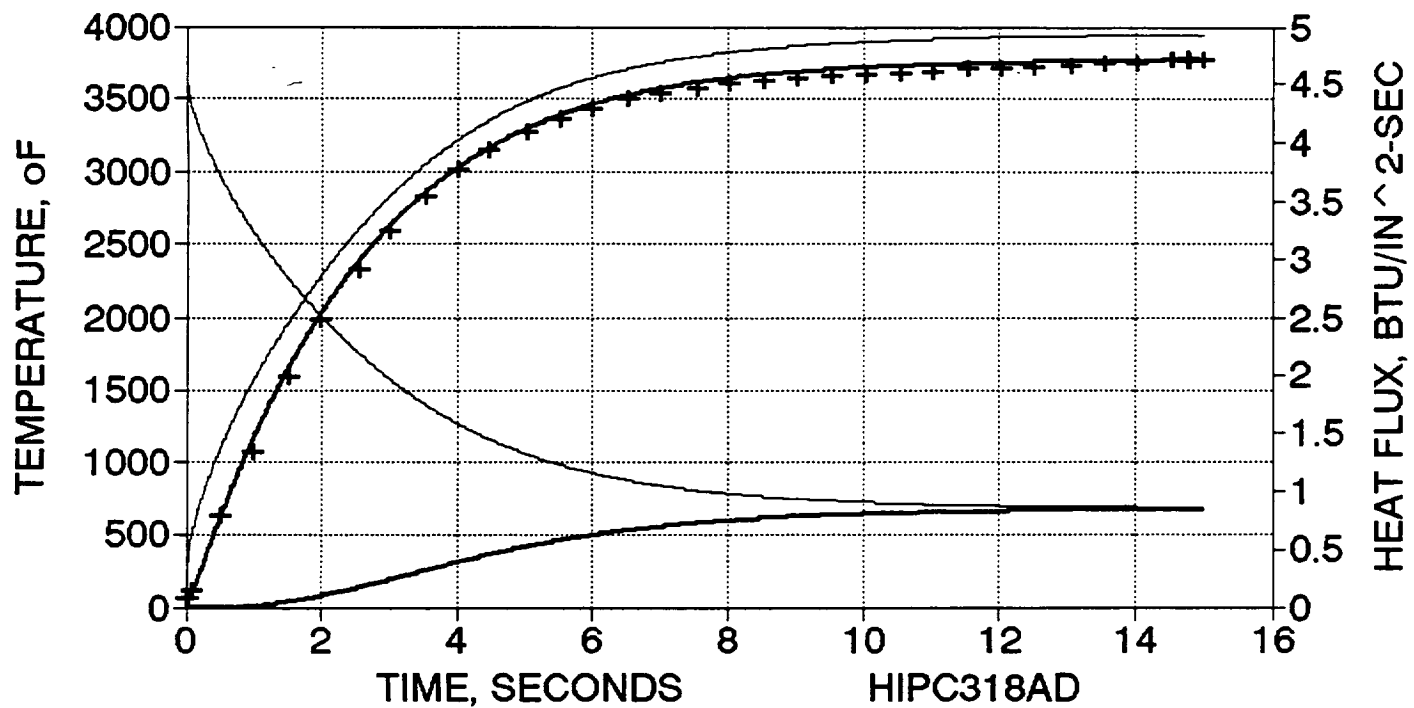


Figure D-37

CHAMBER THERMAL RESPONSE

$T_r=4800F/hg=0.001/P_c=101/MR=0.97$



— Tw inner	— Tw outer	— q hg
— q rad	+ MEAS. -119/TC-2	

Figure D-38

CHAMBER THERMAL RESPONSE

$T_r=3000F/hg=0.0008/P_c=101/MR=0.97$

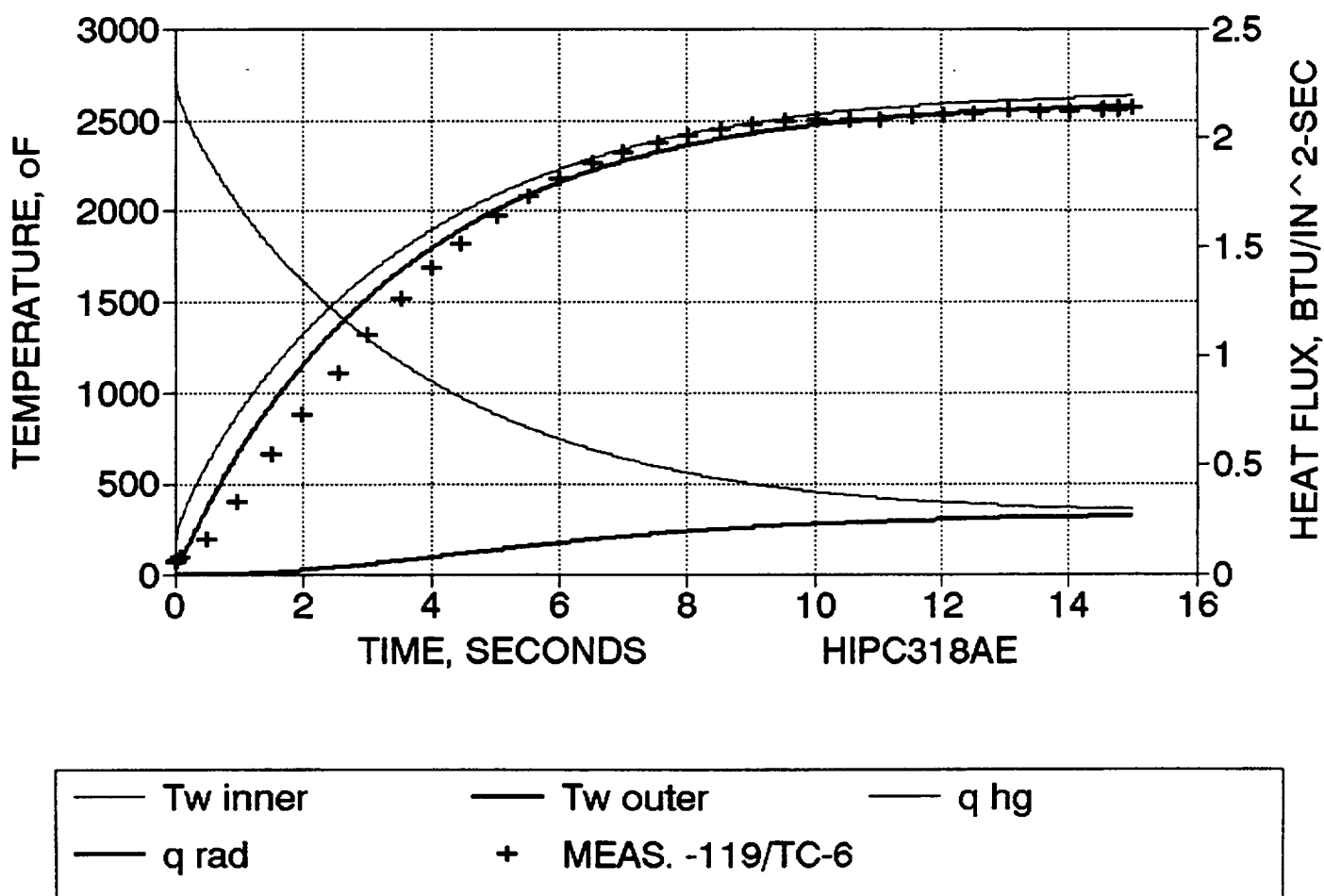


Figure D-39

CHAMBER THERMAL RESPONSE

$T_r=5200F/hg=0.00075/P_c=100/MR=1.08$

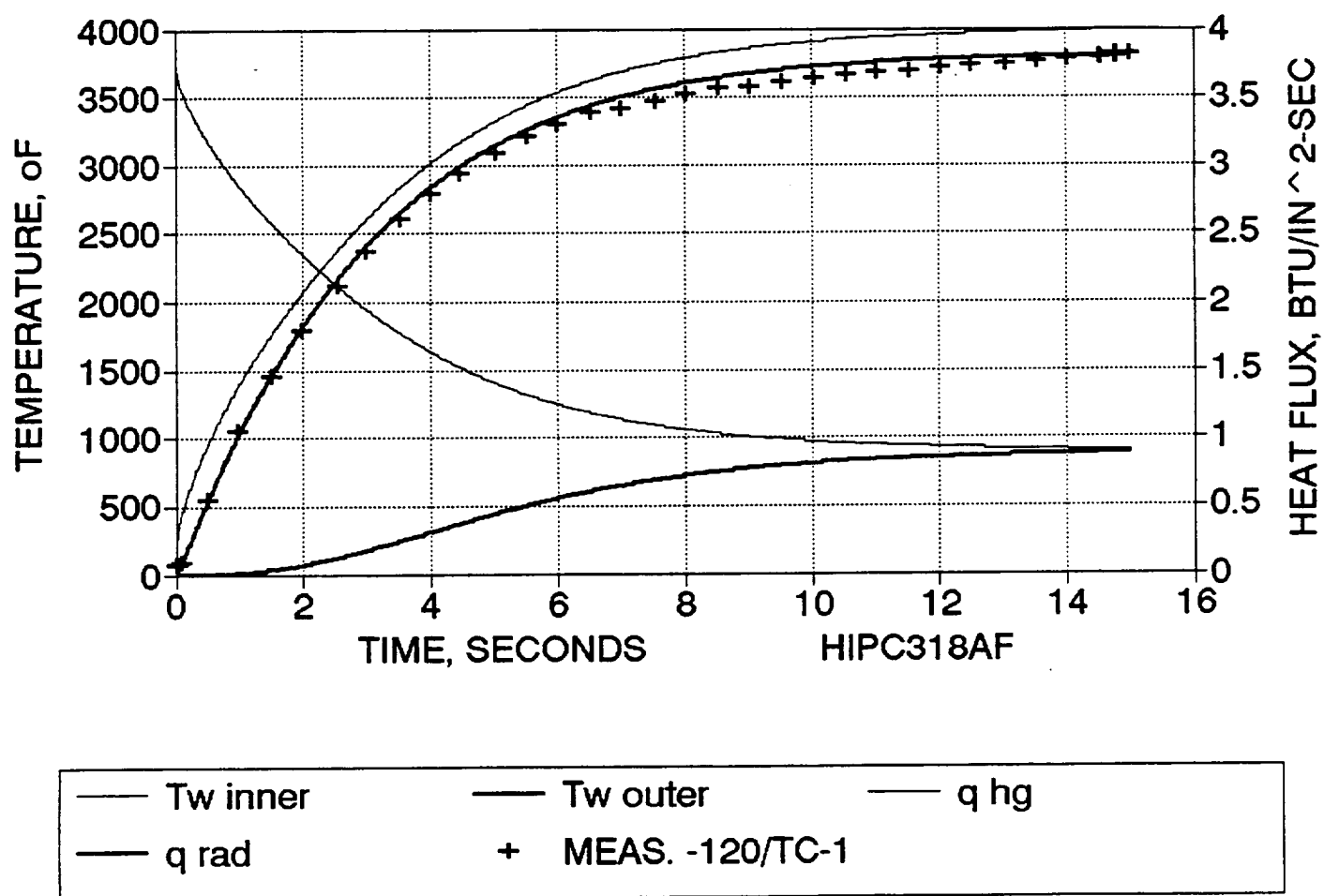


Figure D-40

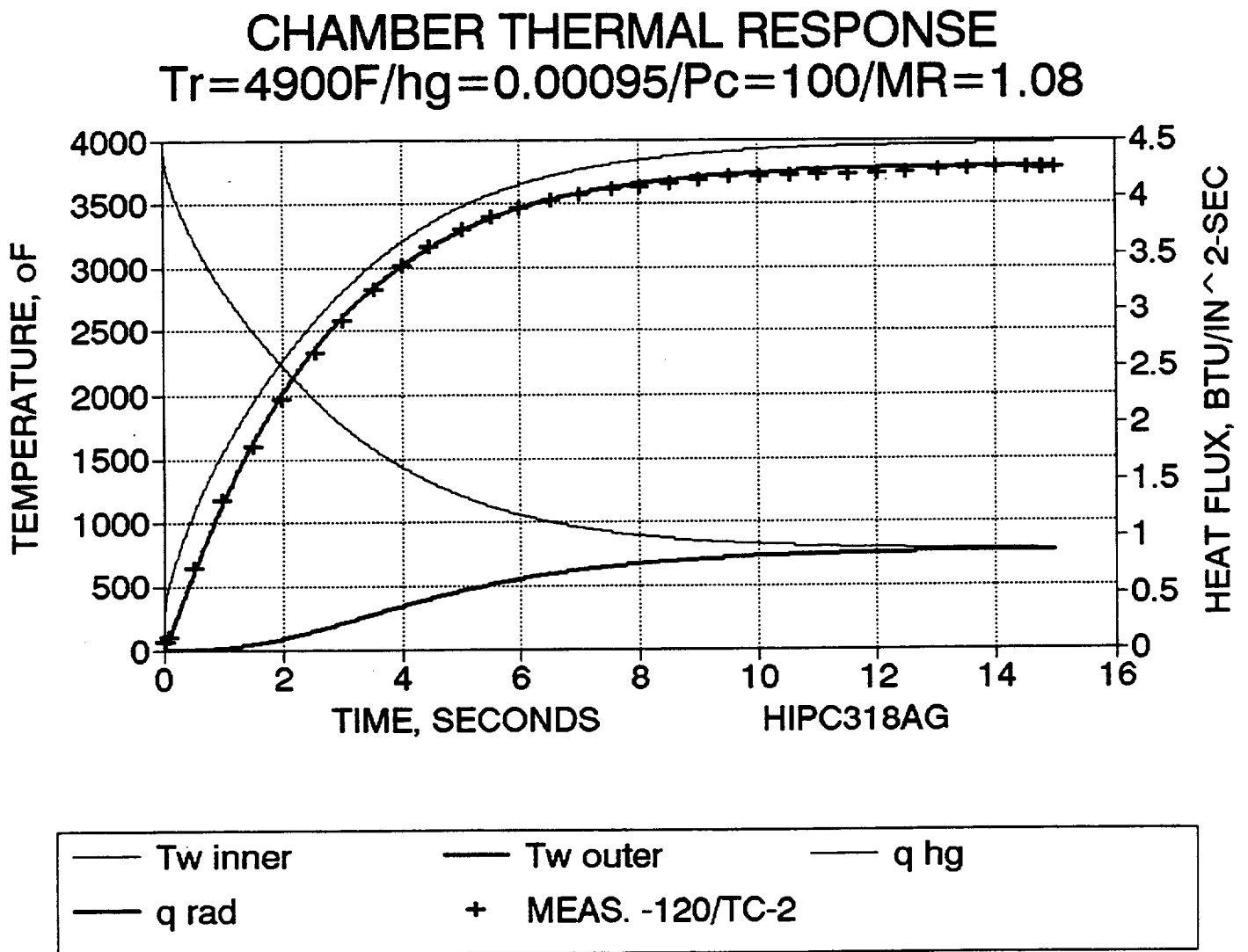


Figure D-41

CHAMBER THERMAL RESPONSE

$T_r=3150F/hg=0.0007/P_c=100/MR=1.08$

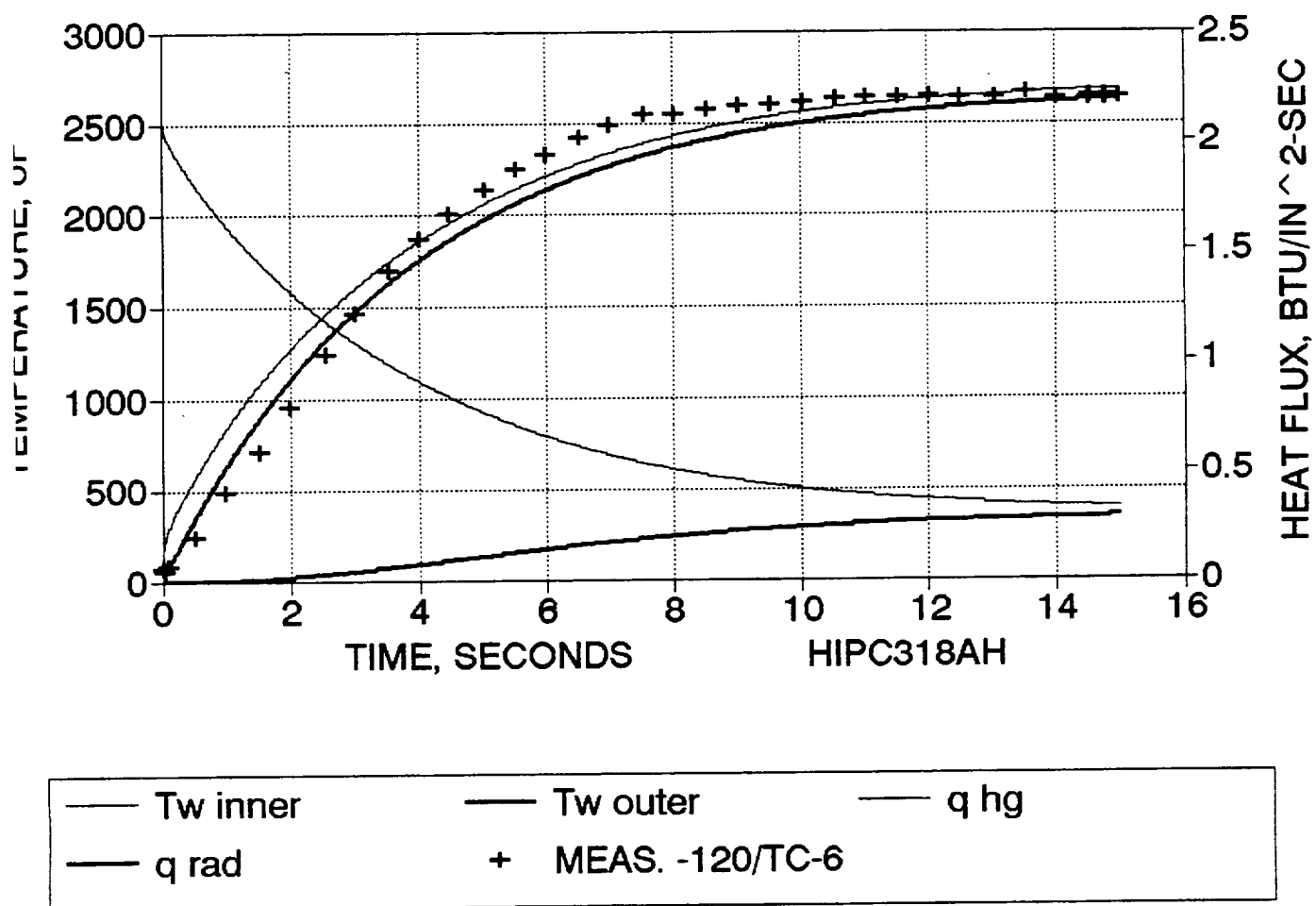


Figure D-42

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13. ABSTRACT (Maximum 200 words) The effect of elevated chamber pressure on combustion efficiency and heat transfer has been determined at the 100 lbf (445 N) thrust level for nitrogen tetroxide propellants. Measurements were made up to 500 psia (3.45 MPa) with testbed hardware; tests at 100 psia (0.690 MPa) and 250 psia (1.72 MPa) were made with radiation-cooled rhenium chambers. The first task of the program served to determine desirable thruster applications and operating conditions: high total impulse, i.e. communication satellite or spacecraft bus axial engines, at chamber pressures up to 250 psia (1.72 MPa) pressure-fed, or up to 500 psia (3.45 MPa) pump-fed. The hardware modifications and testing required to obtain the data were determined in Task 2, which included design-support hot fire tests; supplemental hardware, including a 250 psia (1.72 MPa) Pc rhenium chamber and a 20% fuel-film cooled platelet injector was fabricated in Task 3. Testing showed that satisfactory operation of Ir-Re radiation chambers is assured at pressures up to 250 psia and may be possible up to 500. The heat transfer data obtained show good correlation with throat Reynolds number and are generally under values given by the simplified Bartz equation; chambers equilibrium temperatures match predicted values. Preliminary optimization of trip configuration and mixture ratio were made; Isp performance from thrust measurements was within 1% of predicted values. Stability, compatibility, and front-end thermal management were determined to be satisfactory.				
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